

DR. ALVIN'S PUBLICATIONS

# LEARNING TABLEAU PART V MORE STORIES

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BY DR. ALVIN ANG



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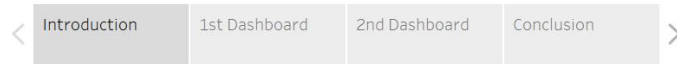
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## I. IDENTIFYING BEST AND WORST CUSTOMERS IN SAMPLE SUPERSTORE

---

<https://www.alvinang.sg/s/Sample-Superstore-USA.xls>

### Identifying the Best and Worst Customers in Sample Superstore



## Identifying the Best and Worst Customers in Sample Superstore (USA only)

#### Objectives:

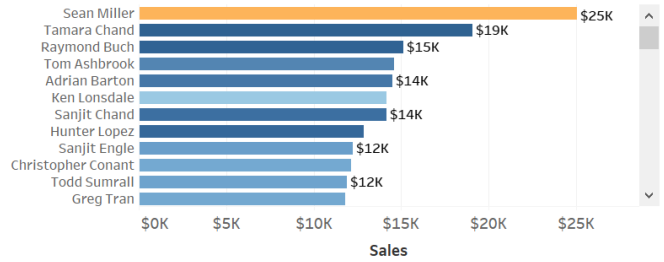
1. Identify the Customer that Brings Most Sales.
2. Identify the Customer that Brings Most Profits.
3. Identify the Customer that has the Highest Profit Ratio.



# Identifying the Best and Worst Customers in Sample Superstore

Introduction | 1st Dashboard | 2nd Dashboard | Conclusion

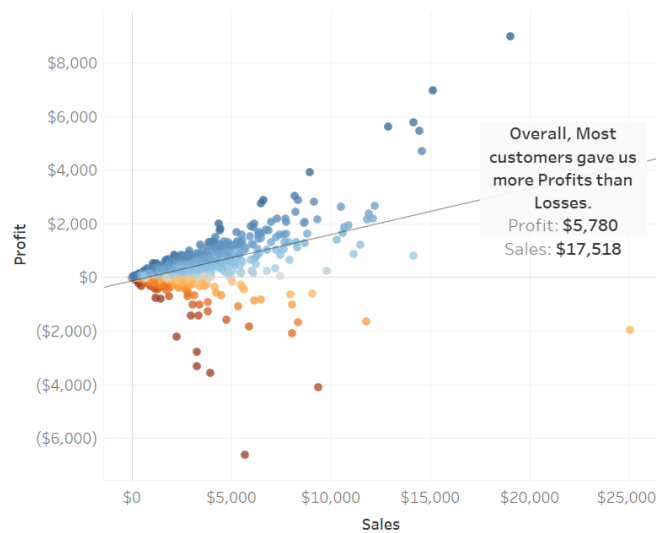
Month of ..	2012	2013	2014	2015
January	\$14K	\$18K	\$19K	\$45K
February	\$7K	\$12K	\$23K	\$20K
March	\$54K	\$38K	\$51K	\$54K
April	\$28K	\$34K	\$39K	\$40K
May	\$29K	\$30K	\$57K	\$46K
June	\$30K	\$25K	\$39K	\$48K
July	\$34K	\$29K	\$38K	\$48K
August	\$28K	\$37K	\$33K	\$62K
September	\$81K	\$65K	\$73K	\$90K
October	\$36K	\$31K	\$56K	\$78K
November	\$80K	\$76K	\$82K	\$112K
December	\$64K	\$75K	\$97K	\$90K



Customer Na..	Rank of Sales along Customer Name	Sales	Profit	Profit Ratio
Sean Miller	1	\$25K	\$9K	36%
Tamara Chand	2	\$19K	\$9K	47%
Raymond Buch	3	\$15K	\$7K	46%
Tom Ashbrook	4	\$15K	\$5K	32%
Adrian Barton	5	\$14K	\$5K	38%
Ken Lonsdale	6	\$14K	\$1K	6%
Sanjit Chand	7	\$14K	\$6K	41%
Hunter Lopez	8	\$13K	\$6K	44%
Sanjit Engle	9	\$12K	\$3K	22%
Christopher Con..	10	\$12K	\$2K	18%
Todd Sumrall	11	\$12K	\$2K	20%
Greg Tran	12	\$12K	\$2K	18%

# Identifying the Best and Worst Customers in Sample Superstore

Introduction | 1st Dashboard | 2nd Dashboard | Conclusion



Customer Na..	Rank of Sales a..	Sales	Profit	Profit Ratio
Sean Miller	1	\$25K	(\$2K)	-8%
Tamara Chand	2	\$19K	\$9K	47%
Raymond Buch	3	\$15K	\$7K	46%
Tom Ashbrook	4	\$15K	\$5K	32%
Adrian Barton	5	\$14K	\$5K	38%
Ken Lonsdale	6	\$14K	\$1K	6%
Sanjit Chand	7	\$14K	\$6K	41%
Hunter Lopez	8	\$13K	\$6K	44%
Sanjit Engle	9	\$12K	\$3K	22%
Christopher Con..	10	\$12K	\$2K	18%
Todd Sumrall	11	\$12K	\$2K	20%
Greg Tran	12	\$12K	\$2K	18%
Becky Martin	13	\$12K	(\$2K)	-14%
Seth Vernon	14	\$11K	\$1K	10%
Caroline Jumper	15	\$11K	\$1K	8%
Clay Ludtke	16	\$11K	\$2K	18%
Maria Etezadi	17	\$11K	\$2K	17%
Karen Ferguson	18	\$11K	\$2K	16%
Bill Shonely	19	\$11K	\$3K	25%
Edward Hooks	20	\$10K	\$1K	14%
John Lee	21	\$10K	\$0K	2%
Grant Thornton	22	\$9K	(\$4K)	-44%
Helen Wasserman	23	\$9K	\$2K	23%
Tom Boeckenhau..	24	\$9K	\$3K	31%

## Identifying the Best and Worst Customers in Sample Superstore

< Introduction 1st Dashboard 2nd Dashboard Conclusion >

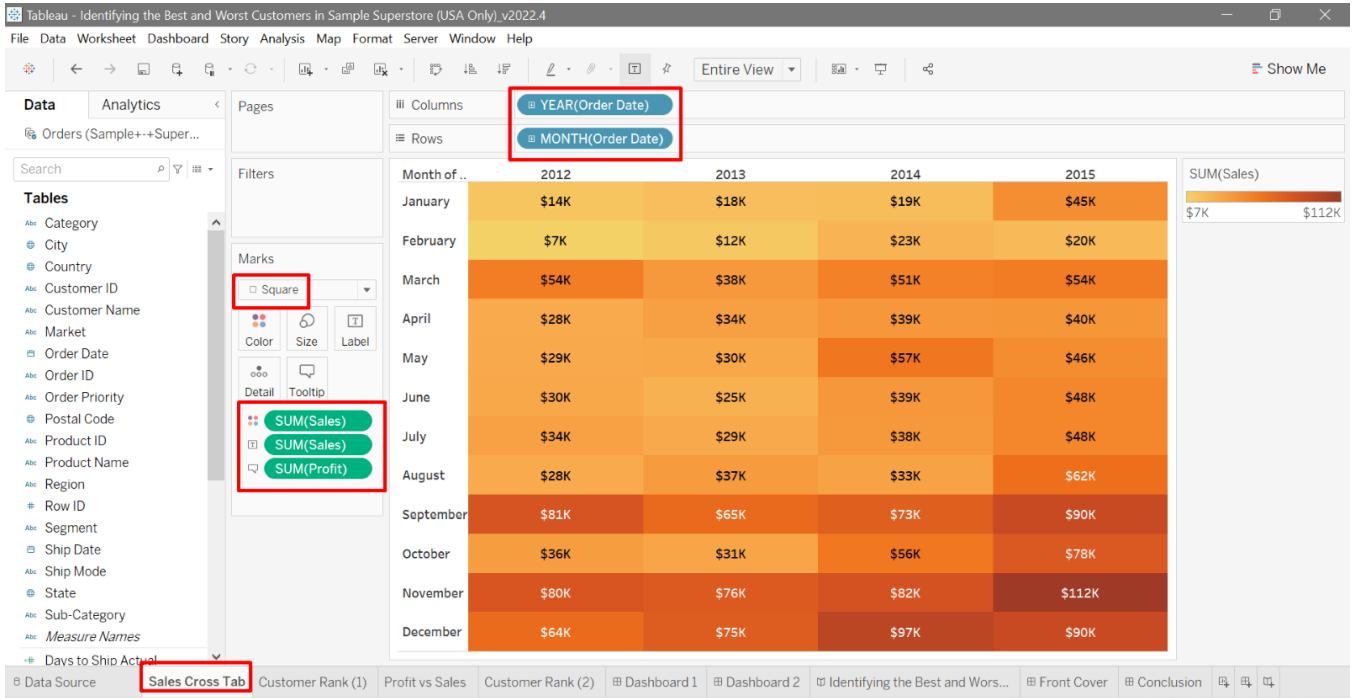
### Conclusion

1. Sean Miller gave us the Most Sales but gave us a Negative Profit of \$2k.
2. Tamara Chand gave us the Highest Profit of \$9k (she's also the 2nd Highest Profit Ratio by the way).
3. Jenna Caffey gave us the Highest Profit Ratio but only gave us \$1k Sales and Profit \$1k.

Customer Name	Rank of Sales	Sales	Profit	Profit Ratio
Sean Miller	1	\$25K	(\$2K)	-8%
Tamara Chand	2	\$19K	\$9K	47%
Raymond Buch	3	\$15K	\$7K	46%
Tom Ashbrook	4	\$15K	\$5K	32%
Adrian Barton	5	\$14K	\$5K	38%
Ken Lonsdale	6	\$14K	\$1K	6%
Sanjit Chand	7	\$14K	\$6K	41%
Hunter Lopez	8	\$13K	\$6K	44%
Saniit Enle	9	\$12K	\$3K	22%



## A. CREATING 1ST WORKSHEET

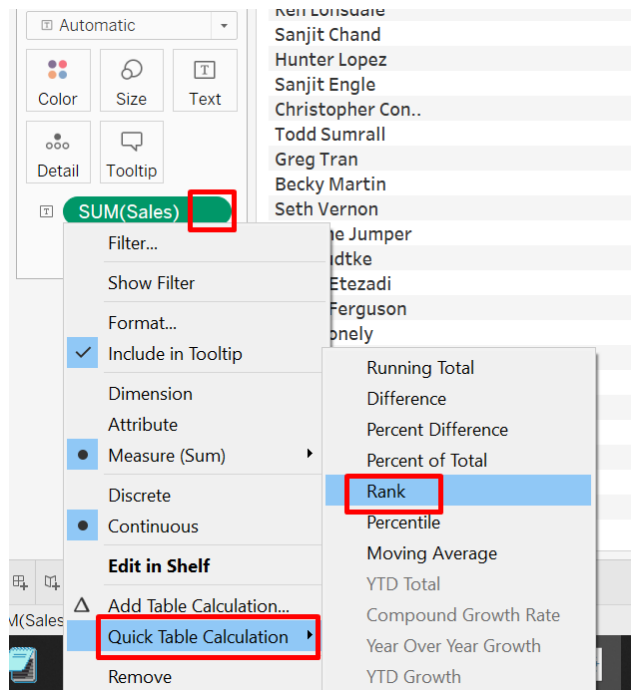
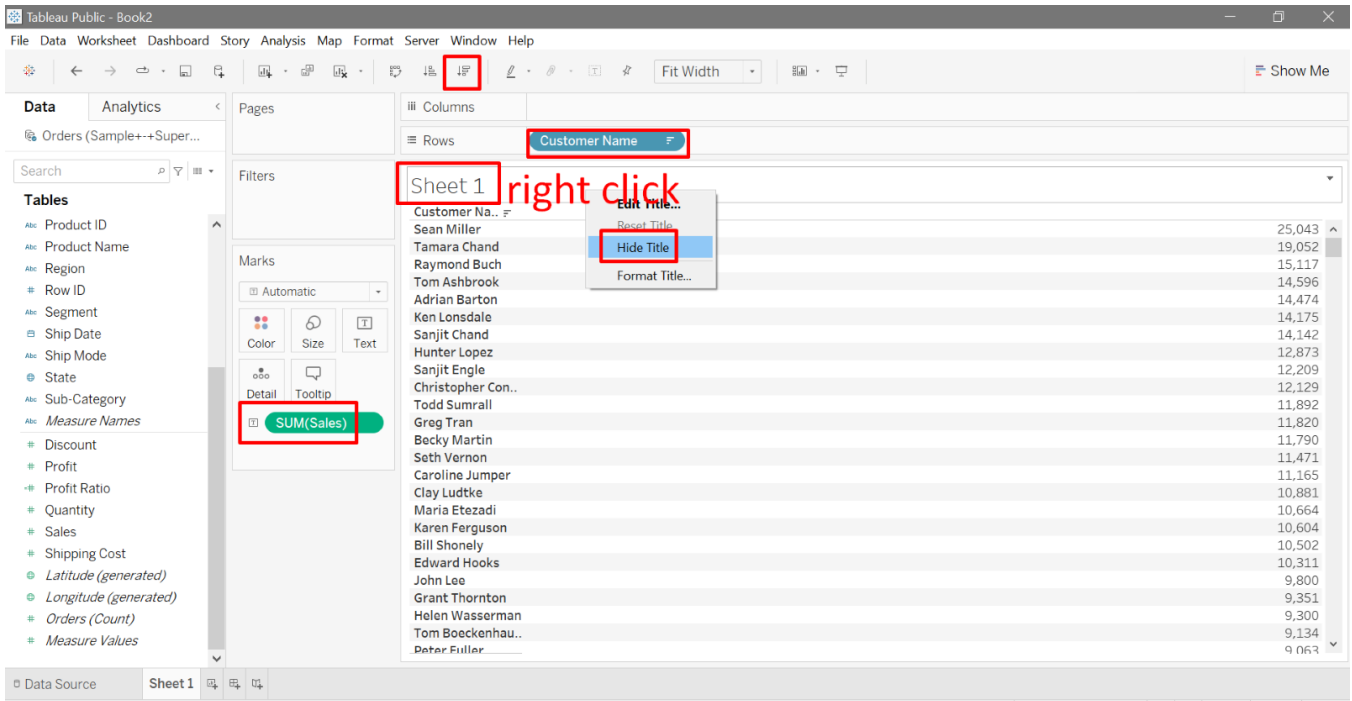




## B. CREATING 2ND WORKSHEET

The screenshot shows a software interface for creating a calculated field. A dropdown menu is open, with 'Create Calculated Field...' selected. The calculated field name 'Profit Ratio' and its formula  $SUM([Profit]) / SUM([Sales])$  are displayed in a text box. The field 'Profit Ratio' is also highlighted in the field list on the left. Below the formula, a message states 'The calculation is valid. 7 Dependencies' with 'Apply' and 'OK' buttons. A table of data is visible at the bottom right.

Customer Name	Value
Seth Vernon	14
Caroline Jumper	15
Clay Ludtke	16
Maria Etezadi	17
Karen Ferguson	18
Bill Shonely	19



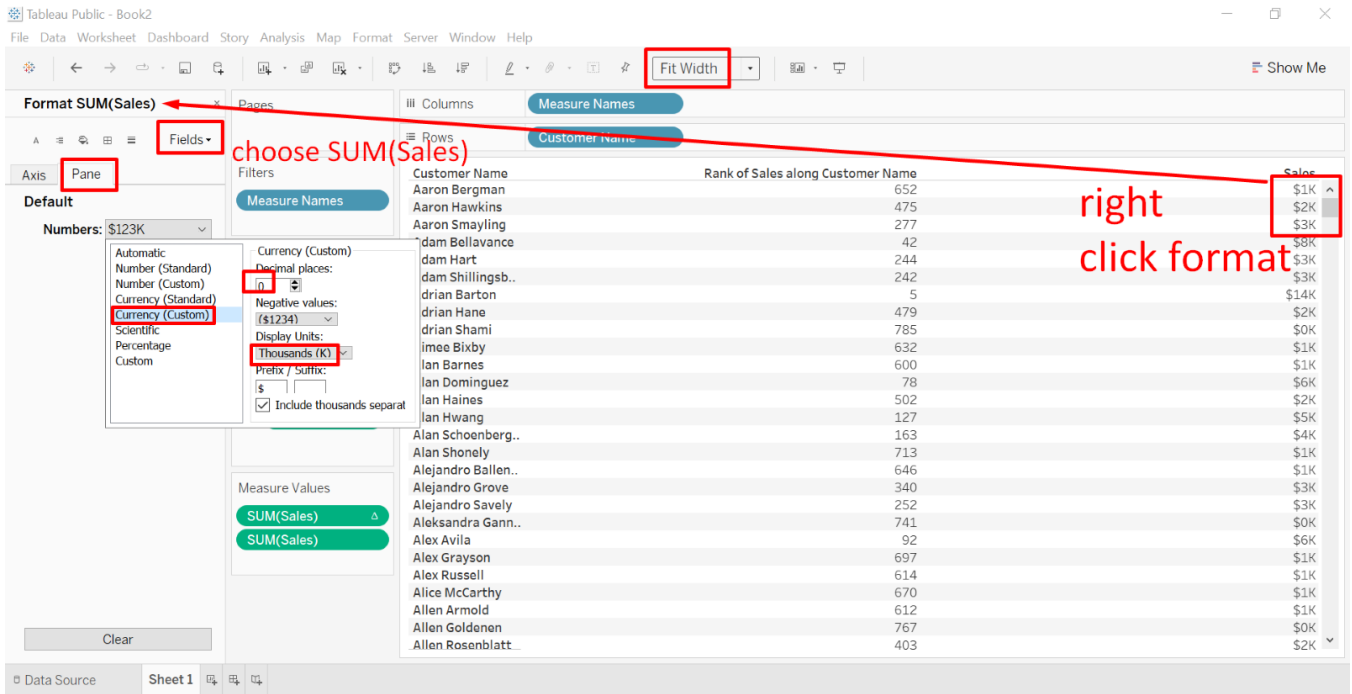
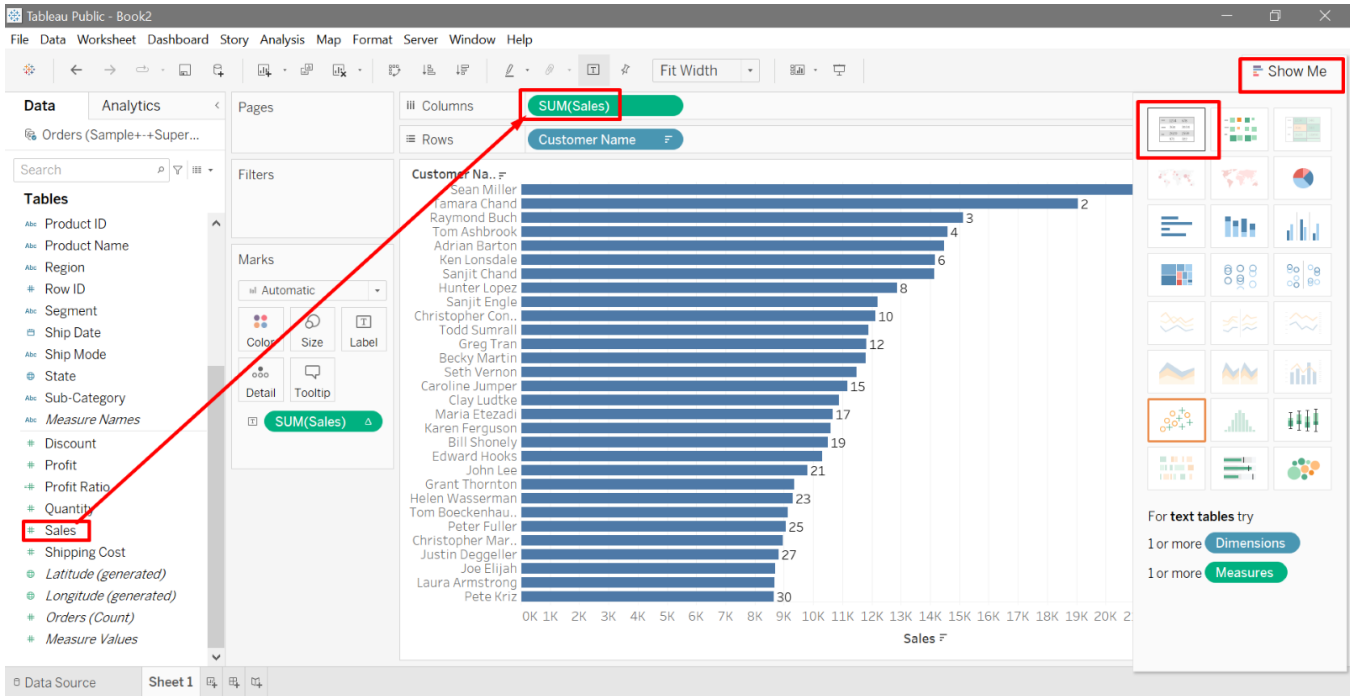


Tableau Public - Book2

File Data Worksheet Dashboard Story Analysis Map Format Server Window Help

Fit Width Show Me

Data Analytics Pages Columns Measure Names Rows Customer Name

drag the columns around to rearrange

Search

Tables

- Product ID
- Product Name
- Region
- Row ID
- Segment
- Ship Date
- Ship Mode
- State
- Sub-Category
- Measure Names
  - Discount
  - Profit
  - Profit Ratio
  - Quantity
  - Rank of Sales along ...
  - Sales
  - Shipping Cost
  - Latitude (generated)
  - Longitude (generated)
  - Orders (Count)
  - Measure Values

Filters

- Measure Names
- Edit Filter...
- Show Measure Values Shelf
- Show Filter
- Show Highlighter
- Clear Filter
- Sort...
- Clear Sort
- Remove
- Measure Values
  - SUM(Sales)
  - SUM(Sales)
  - SUM(Profit)
  - AGG(Profit Ratio)

Customer Name	Rank of Sales along Cust..	Sales	Profit	Profit Ratio
Sean Miller	1	\$25K	-1,981	-8%
Tamara Chand	2	\$19K	8,981	47%
Raymond Buch	3	\$15K	6,976	46%
Tom Ashbrook	4	\$15K	4,704	32%
Dorian Barton	5	\$14K	5,445	39%
Janit Chand	6	\$14K	807	6%
Janit Lopez	7	\$14K	5,757	41%
Janit Engle	8	\$13K	5,622	44%
Christopher Con..	9	\$12K	2,651	22%
Todd Sumrall	10	\$12K	2,177	18%
Greg Tran	11	\$12K	2,372	20%
Greg Tran	12	\$12K	2,163	18%
Greg Tran	13	\$12K	-1,660	-14%
Greg Tran	14	\$11K	1,199	10%
Caroline Jumper	15	\$11K	859	8%
Clay Ludtke	16	\$11K	1,934	18%
Maria Etezadi	17	\$11K	1,859	17%
Karen Ferguson	18	\$11K	1,660	16%
Bill Shonely	19	\$11K	2,616	25%
Edward Hooks	20	\$10K	1,394	14%
John Lee	21	\$10K	229	2%
Grant Thornton	22	\$9K	-4,109	-44%
Helen Wasserman	23	\$9K	2,164	23%
Tom Boeckenhau..	24	\$9K	2,798	31%
Peter Fuller	25	\$9K	-614	-7%
Christopher Mar..	26	\$9K	3,900	44%
Justin Deoeller	27	\$9K	1,620	18%

Data Source Sheet 1

Tableau Public - Book2

File Data Worksheet Dashboard Story Analysis Map Format Server Window Help

Fit Width Show Me

Format AGG(Profit Ratio) x Pages Columns Measure Names Rows Customer Name

right click FORMATTING

Axis Pane

Default

Numbers 12345600%

Automatic

Number (Standard)

Number (Custom)

Currency (Standard)

Currency (Custom)

Scientific

Percentage

Custom

Percentage

Decimal places: 0

Customer Name	Rank of Sales along Cust..	Sales	Profit	Profit Ratio
Sean Miller	1	\$25K	-1,981	-8%
Tamara Chand	2	\$19K	8,981	47%
Raymond Buch	3	\$15K	6,976	46%
Tom Ashbrook	4	\$15K	4,704	32%
Dorian Barton	5	\$14K	5,445	39%
Janit Chand	6	\$14K	807	6%
Janit Lopez	7	\$14K	5,757	41%
Janit Engle	8	\$13K	5,622	44%
Janit Engle	9	\$12K	2,651	22%
Christopher Con..	10	\$12K	2,177	18%
Todd Sumrall	11	\$12K	2,372	20%
Greg Tran	12	\$12K	2,163	18%
Greg Tran	13	\$12K	-1,660	-14%
Greg Tran	14	\$11K	1,199	10%
Caroline Jumper	15	\$11K	859	8%
Clay Ludtke	16	\$11K	1,934	18%
Maria Etezadi	17	\$11K	1,859	17%
Karen Ferguson	18	\$11K	1,660	16%
Bill Shonely	19	\$11K	2,616	25%
Edward Hooks	20	\$10K	1,394	14%
John Lee	21	\$10K	229	2%
Grant Thornton	22	\$9K	-4,109	-44%
Helen Wasserman	23	\$9K	2,164	23%
Tom Boeckenhau..	24	\$9K	2,798	31%
Peter Fuller	25	\$9K	-614	-7%
Christopher Mar..	26	\$9K	3,900	44%
Justin Deoeller	27	\$9K	1,620	18%

Measure Values

- SUM(Sales)
- SUM(Sales)
- SUM(Profit)
- AGG(Profit Ratio)

Data Source Sheet 1

Tableau Public - Book2

File Data Worksheet Dashboard Story Analysis Map Format Server Window Help

Fit Width Show Me

Data Analytics Pages Columns Measure Names Rows Customer Name

Orders (Sample++Super...)

Search

Tables

- Product ID
- Product Name
- Region
- Row ID
- Segment
- Ship Date
- Ship Mode
- State
- Sub-Category
- Measure Names
- Discount
- Profit
- Profit Ratio
- Quantity
- Sales
- Shipping Cost
- Latitude (generated)
- Longitude (generated)
- Orders (Count)
- Measure Values

Filters

Measure Names

Marks

Automatic

Color Size Text

Detail Tooltip

Measure Values

SUM(Sales)

SUM(Sales)

SUM(Profit)

AGG(Profit Ratio)

Customer Name Rank of Sales along Customer Name

Sales Profit Profit Ratio

Keep Only Exclude Sort Automatic Remove

793 items selected · SUM Sort Customer Name descending by Measure Values

Rank of Sales along Customer Name

Customer Name	Sales	Profit	Profit Ratio
Sean Miller	\$14K	807	5.8%
Tamara Chand	\$14K	5,757	41%
Raymond Buch	\$13K	5,622	44%
Tom Ashbrook	\$12K	2,651	22%
Adrian Barton	\$12K	2,177	18%
Ken Lonsdale	\$12K	2,372	20%
Sanjit Chand	\$12K	2,163	18%
Hunter Lopez	\$12K	-1,660	-14%
Sanjit Engle	\$12K	1,199	10%
Christopher Con...	\$11K	859	8%
Todd Sumrall	\$11K	1,934	18%
Greg Tran	\$11K	1,859	17%
Becky Martin	\$11K	1,660	16%
Seth Vernon	\$11K	2,616	25%
Caroline Jumper	\$11K	1,394	14%
Clay Ludtke	\$11K	229	2%
Maria Etezadi	\$10K	-4,109	-44%
Karen Ferguson	\$9K	2,164	23%
Bill Shonely	\$9K	2,798	31%
Edward Hooks	\$9K	-614	-7%
John Lee	\$9K	3,900	44%
Grant Thornton	\$9K	1,620	18%
Helen Wasserman	\$9K		
Tom Boeckenhau...	\$9K		
Peter Fuller	\$9K		
Christopher Mar...	\$9K		
Justin Denoeller	\$9K		

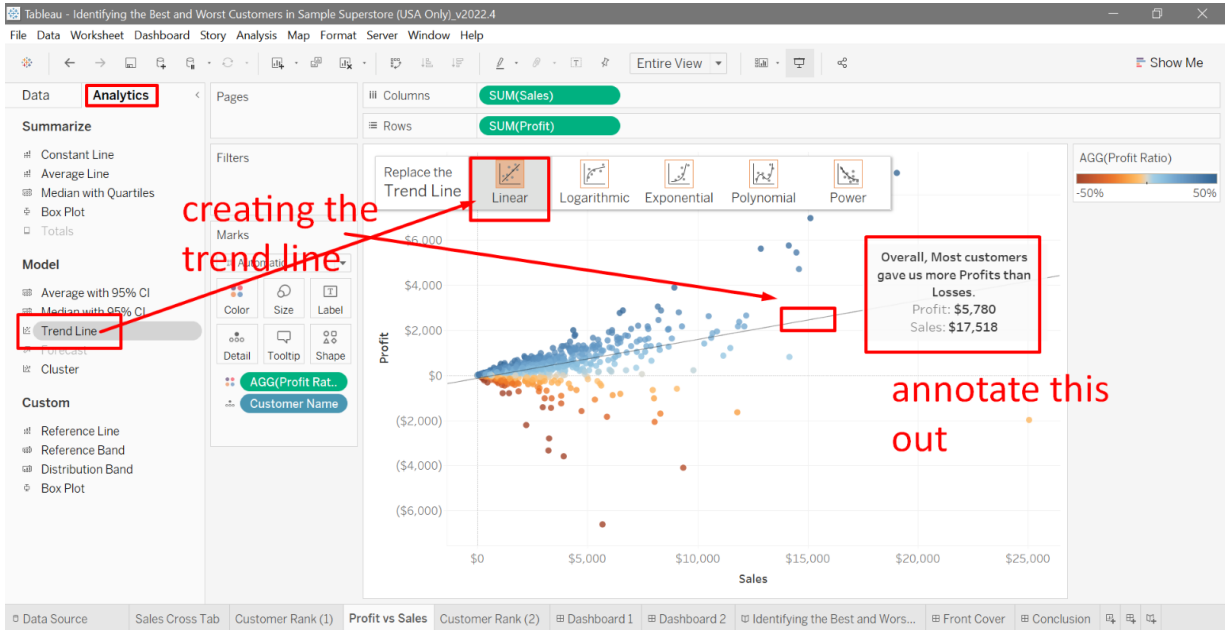
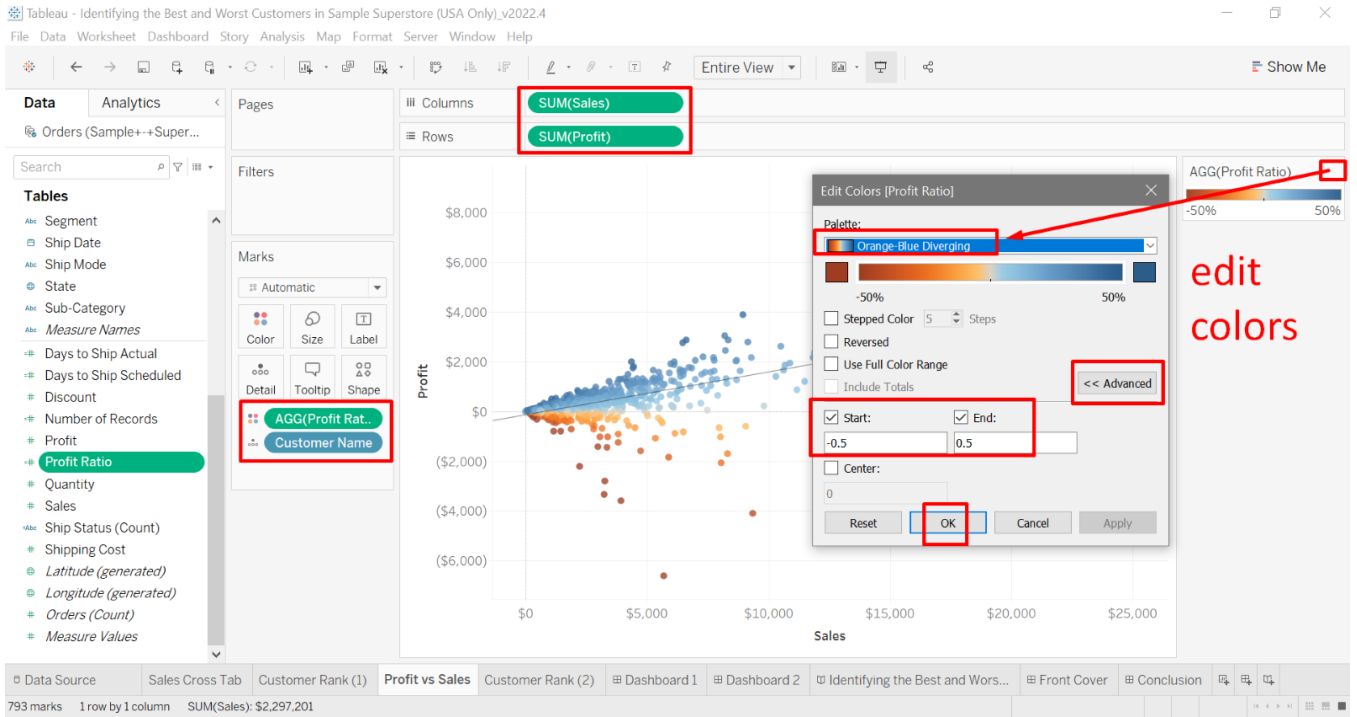
Measure Names

- (All)
- Count of Orders
- Discount
- Profit
- Profit Ratio
- Quantity
- Rank of Sales along ...
- Sales
- Shipping Cost

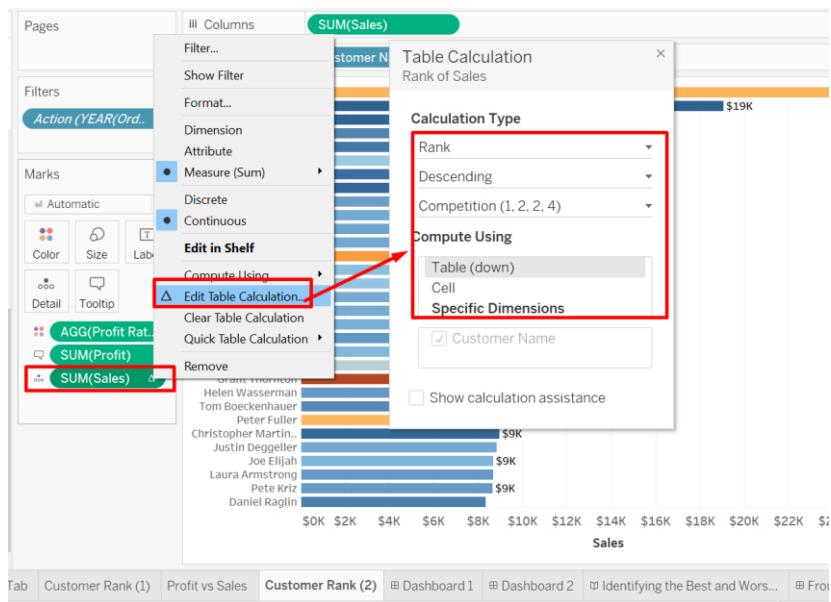
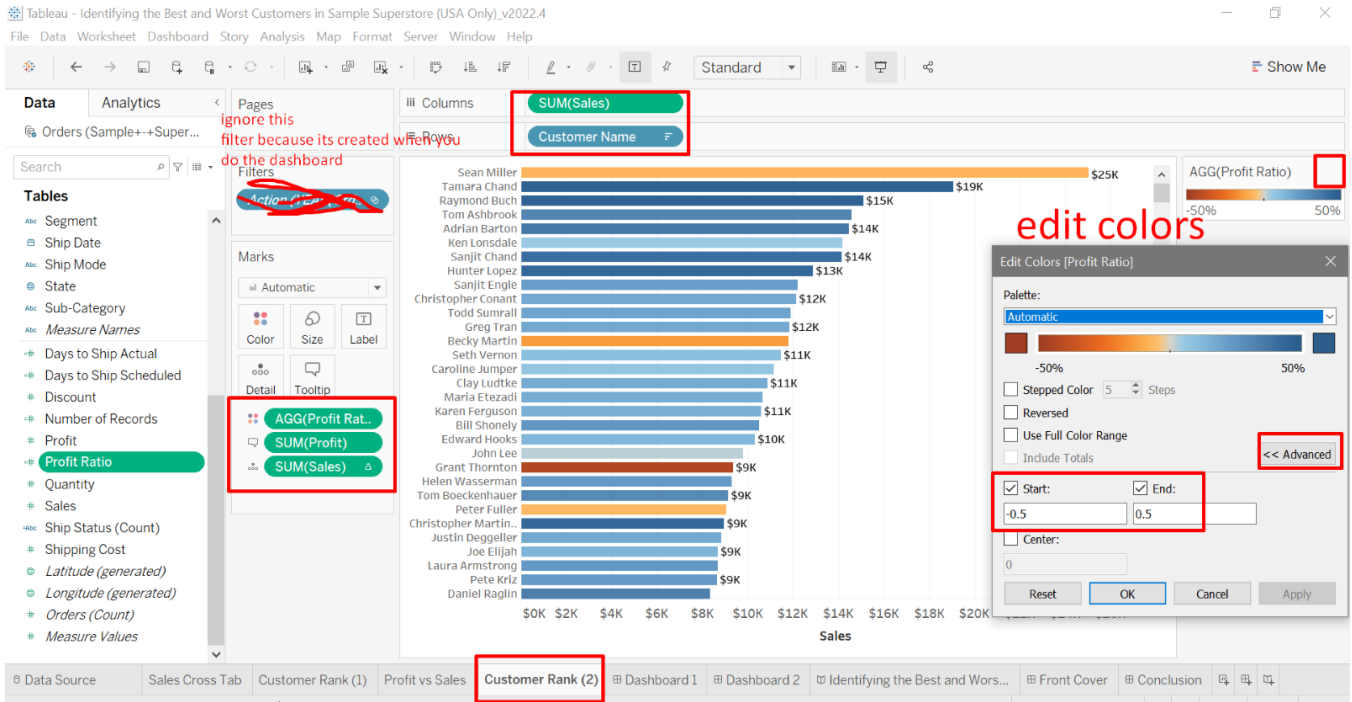
Data Source Sheet 1

u may click the column and SORT IT

### C. CREATING 3RD WORKSHEET



## D. CREATING 4TH WORKSHEET



---

## II. AUSTRALIA'S BUSHFIRES (2019 TO 2020)

---

References:

<https://www.abs.gov.au/statistics/standards/australian-statistical-geography-standard-asgs-edition-3/jul2021-jun2026/access-and-downloads/digital-boundary-files>

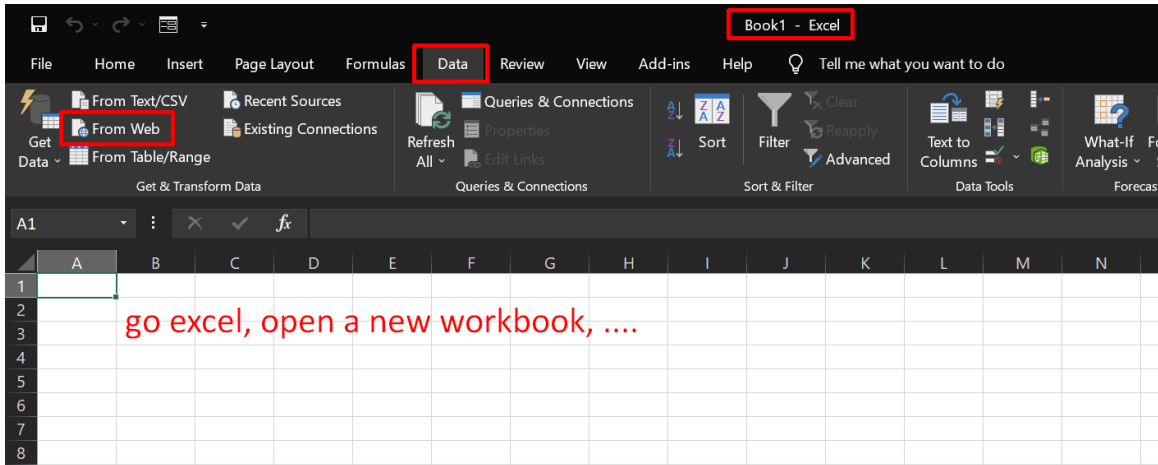
[https://en.wikipedia.org/wiki/2019-20\\_Australian\\_bushfire\\_season](https://en.wikipedia.org/wiki/2019-20_Australian_bushfire_season)

### A. WEB SCRAPING THE DATA TABLE FROM WIKIPEDIA USING POWER QUERY

State / territory ↕	Fatalities ↕	Homes lost ↕	Area (estimated)		Notes ↕
			ha ↕	acres ↕	
Northern Territory	0	5	6,800,000	16,800,000	Area, includes mainly scrub fires, which are within the normal range of area burnt by bushfires each year; <sup>[61]</sup> homes <sup>[91]</sup>
New South Wales	26	2,448	5,500,000	13,600,000	Area; <sup>[66]</sup> fatalities; <sup>[66]</sup> homes <sup>[66]</sup>
Queensland	0	48	2,500,000	6,180,000	Area, includes scrub fires; <sup>[61]</sup> homes <sup>[91][c]</sup>
Western Australia	0	1	2,200,000	5,440,000	Area, includes scrub fires; <sup>[61]</sup> homes <sup>[91]</sup>
Victoria	5	396	1,500,000	3,710,000	Area; <sup>[61]</sup> fatalities; <sup>[20]</sup> homes <sup>[96]</sup>
South Australia	3	151	490,000	1,210,000	Area; <sup>[61]</sup> fatalities; <sup>[97]</sup> homes (KI:65) <sup>[98]</sup> (AH:86) <sup>[99]</sup>
Australian Capital Territory	0	0	86,464	213,660	Area <sup>[100]</sup>
Tasmania	0	2	36,000	89,000	Area; <sup>[61]</sup> homes <sup>[91]</sup>
<b>Total</b>	<b>34</b>	<b>3,500+</b>	18,736,070	46,300,000	<sup>[d][b][104][105]</sup> Total area estimate as of 13 February 2020; current figure may be more

Above is the Table we wish to export out from Wikipedia to Excel





## Navigator

Select multiple items  
 Display Options ▾

[https://en.wikipedia.org/wiki/2019-20\\_Australi...](https://en.wikipedia.org/wiki/2019-20_Australi...)

- Document
- Table 0
- Table 1**
- Table 2
- Table 3
- Table 4

Table View Web View

Table 1

State / territory	Fatalities	Homes lost	Area (estimated) ha
State / territory	Fatalities	Homes lost	Area (estimated)
State / territory	Fatalities	Homes lost	ha
Northern Territory	0	5	6,800,000
New South Wales	26	2,448	5,500,000
Queensland	0	48	2,500,000
Western Australia	0	1	2,200,000
Victoria	5	396	1,500,000
South Australia	3	151	490,000
Australian Capital Territory	0	0	86,464
Tasmania	0	2	36,000
Total	34	3,500+	18,736,070

Table 1 - Power Query Editor

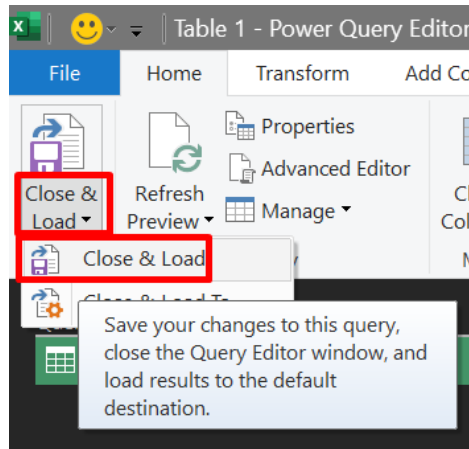
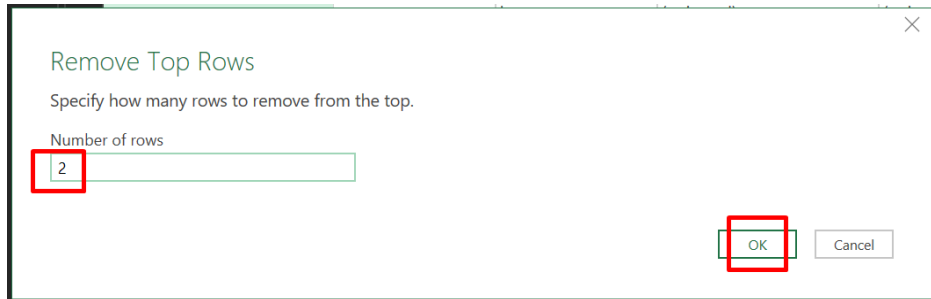
File Home Transform Add Column View  
 Close & Load Refresh Advanced Editor Choose Remove Keep Remove Split Data Type: Text Merge Queries Append Queries Manage Data source New Source  
 Close Load Preview Manage Columns Columns Remove Rows Rows Columns By Use First Row as Headers Append Queries Combine Files Parameters Data source settings Recent Sources  
 Remove Top Rows Remove the top N rows from this table.

Queries [1]  
 Table 1

we need to remove first 2 rows because they are replicates

	Fatalities	Homes lost	Area (estimated) ha	Area (estimated) acres
1	Fatalities	lost	Area (estimated)	Area (estimated)
2	Fatalities	Homes lost	ha	acres
3	Northern Territory	0	5	16,800,000
4	New South Wales	26	2,448	13,600,000
5	Queensland	0	48	6,180,000
6	Western Australia	0	1	5,440,000
7	Victoria	5	396	3,710,000
8	South Australia	3	151	1,210,000
9	Australian Capital Territory	0	0	213,660
10	Tasmania	0	2	89,000
11	Total	34	3,500+	46,300,000

Query Settings  
 PROPERTIES  
 Name: Table 1  
 APPLIED STEPS  
 Source: Navigation  
 Changed Type



Book1 - Excel

Table Name: Table\_1

Table Design Query

State / territory	Fatalities	Homes lost	Area (estimated) ha	Area (estimated) acres	Notes
Northern Territory	0	5	6,800,000	16,800,000	Area, includes mainly scrub fires, which
New South Wales	26	2,448	5,500,000	13,600,000	Area; fatalities; homes
Queensland	0	48	2,500,000	6,180,000	Area, includes scrub fires;[61] homes
Western Australia	0	1	2,200,000	5,440,000	Area, includes scrub fires;[61] homes
Victoria	5	396	1,500,000	3,710,000	Area;[61] fatalities;[20] homes[96]
South Australia	3	151	490,000	1,210,000	Area;[61] fatalities;[97] homes (KI:65)
Australian Capital Territory	0	0	86,464	213,660	Area
Tasmania	0	2	36,000	89,000	Area;[61] homes[91]
Total	34	3,500+	18,736,070	46,300,000	Total area estimate as of 13 February

table has been extracted

Now save it to your desktop  
(name it anything you want)

## B. EXTRACTING SHP FILE FOR AUSTRALIA MAP

please refer to the [intergovernmental Committee on Surveying and Mapping of Queensland, Australia](#).

**Downloads for GDA2020 digital boundary files**

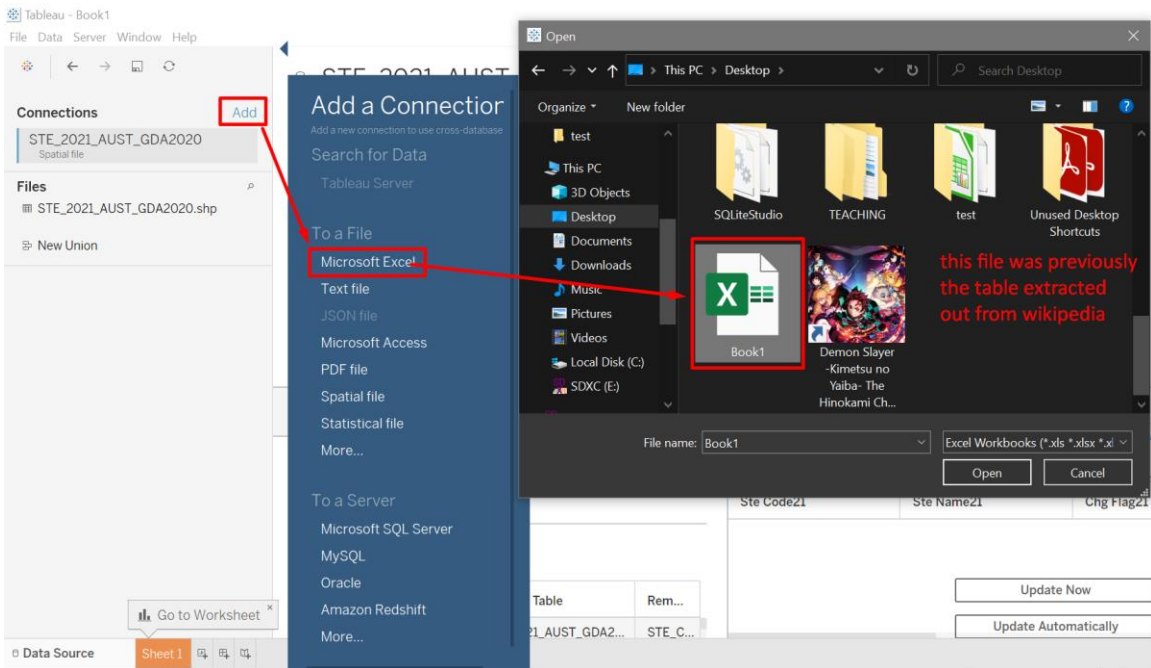
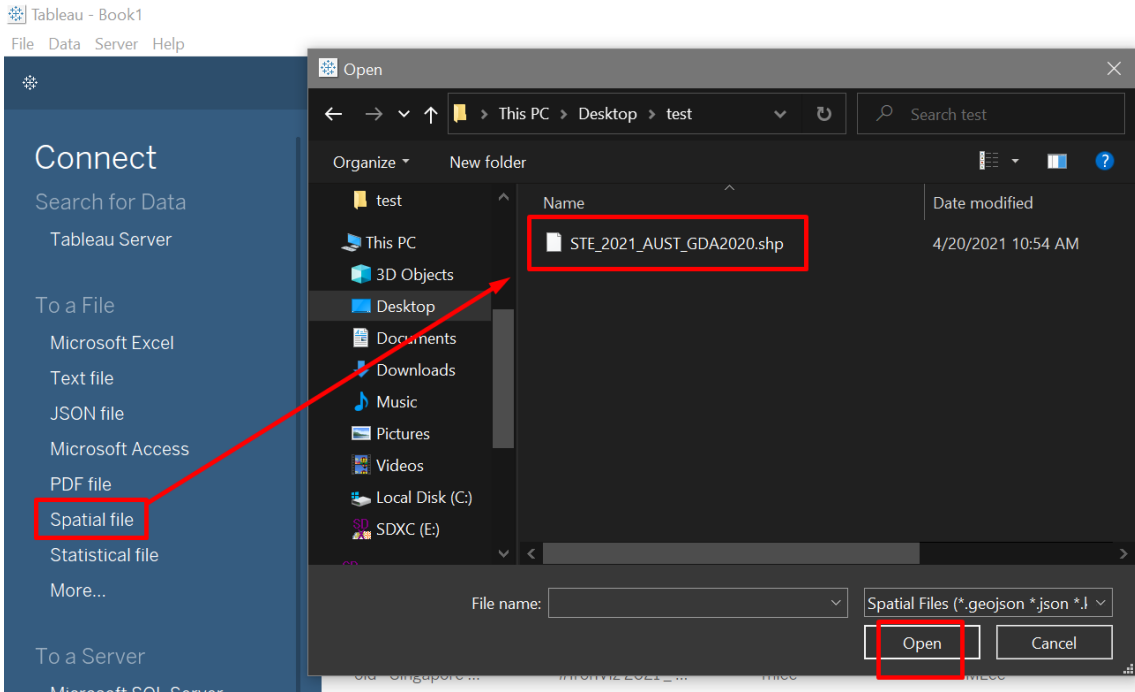
Main Structure and Greater Capital City Statistical Areas

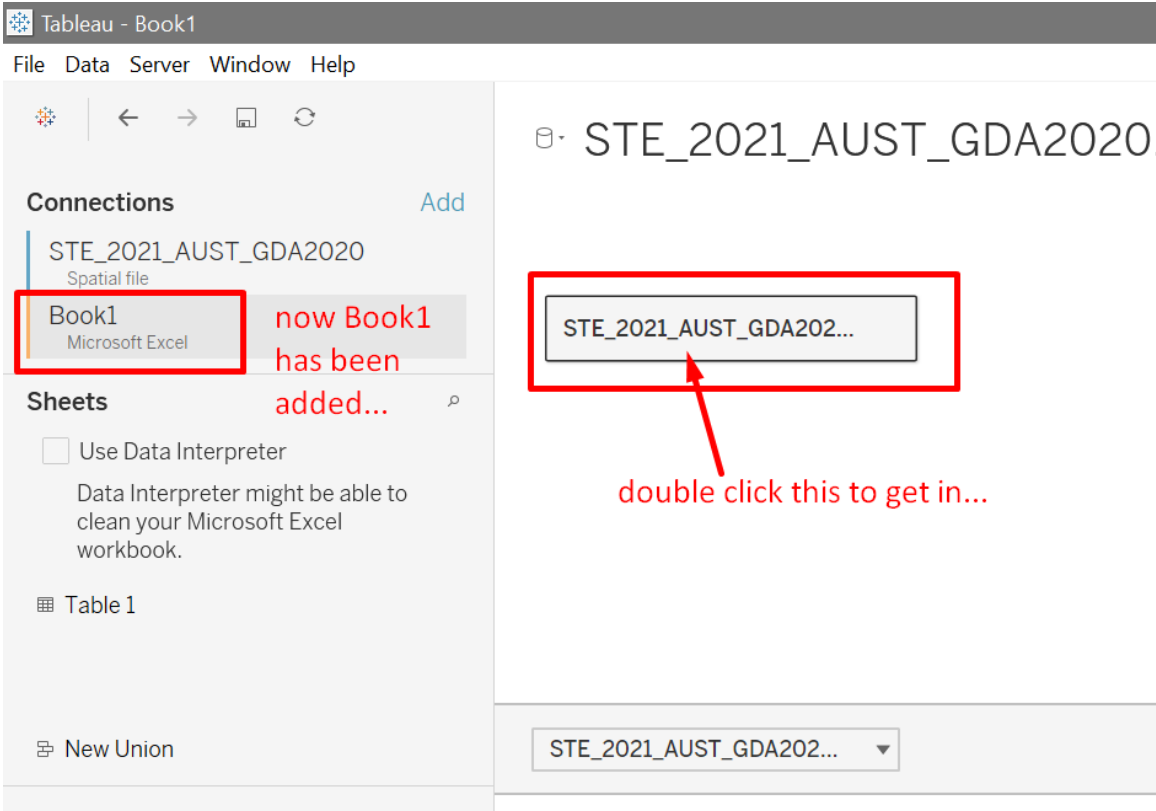
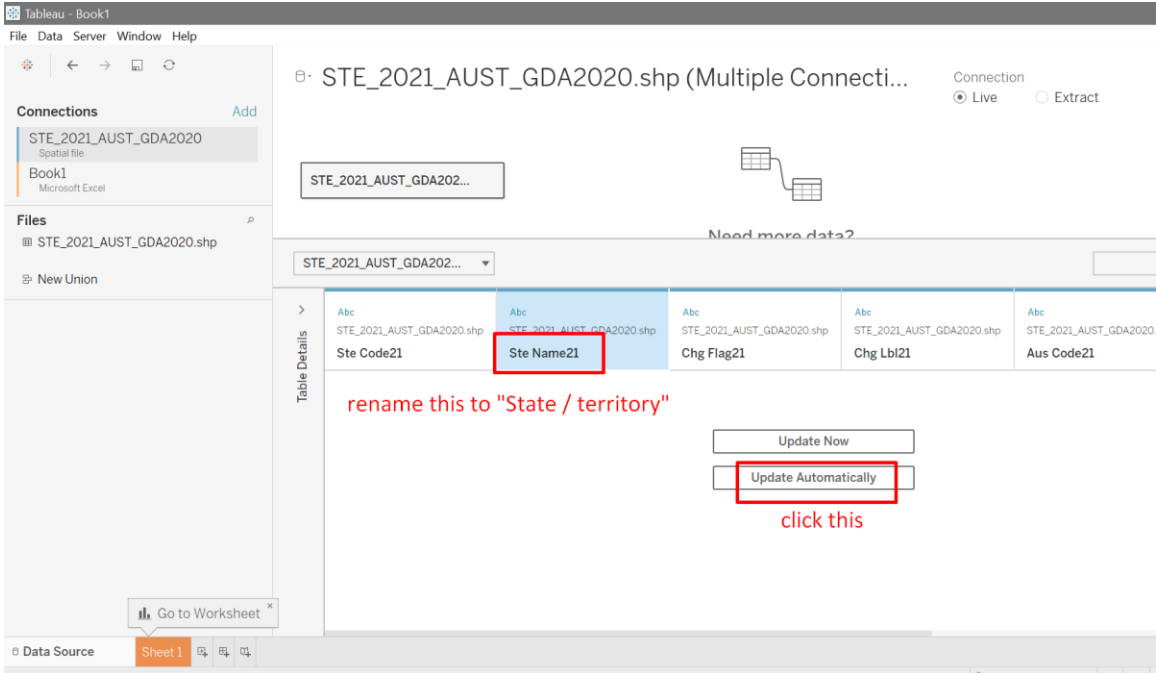
Main Structure & Greater Capital City Statistical Areas - 2021 - GeoPackage	<a href="#">Download ZIP</a> (504.8 MB)
Mesh Blocks - 2021 - Shapefile	<a href="#">Download ZIP</a> (217.44 MB)
Statistical Areas Level 1 - 2021 - Shapefile	<a href="#">Download ZIP</a> (95.97 MB)
Statistical Areas Level 2 - 2021 - Shapefile	<a href="#">Download ZIP</a> (48.33 MB)
Statistical Areas Level 3 - 2021 - Shapefile	<a href="#">Download ZIP</a> (34.31 MB)
Statistical Areas Level 4 - 2021 - Shapefile	<a href="#">Download ZIP</a> (28.45 MB)
Greater Capital City Statistical Areas - 2021 - Shapefile	<a href="#">Download ZIP</a> (21.5 MB)
States and Territories - 2021 - Shapefile	<a href="#">Download ZIP</a> (20.56 MB)

download this

unzip all SHP files onto desktop

### C. INNER JOINING BOTH SHP AND PREVIOUS WIKIPEDIA TABLE





STE\_2021\_AUST\_GDA2020.shp+ (Multiple Connect...)

Connection: Live

Filters: 0 | Add

STE\_2021\_AUST\_GDA2020.shp is made of 2 tables.

STE\_2021\_AUST\_GDA2020.shp Table 1

Join: Inner

Data Source: STE\_2021\_AUST\_GDA2020... Table 1

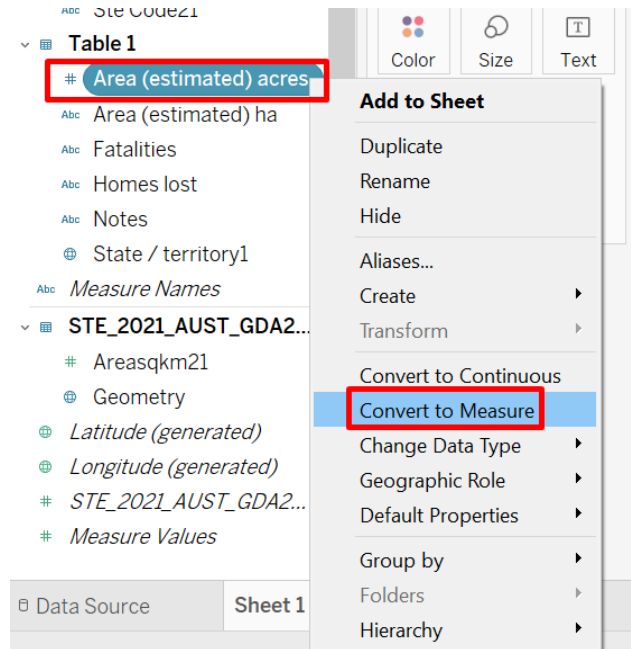
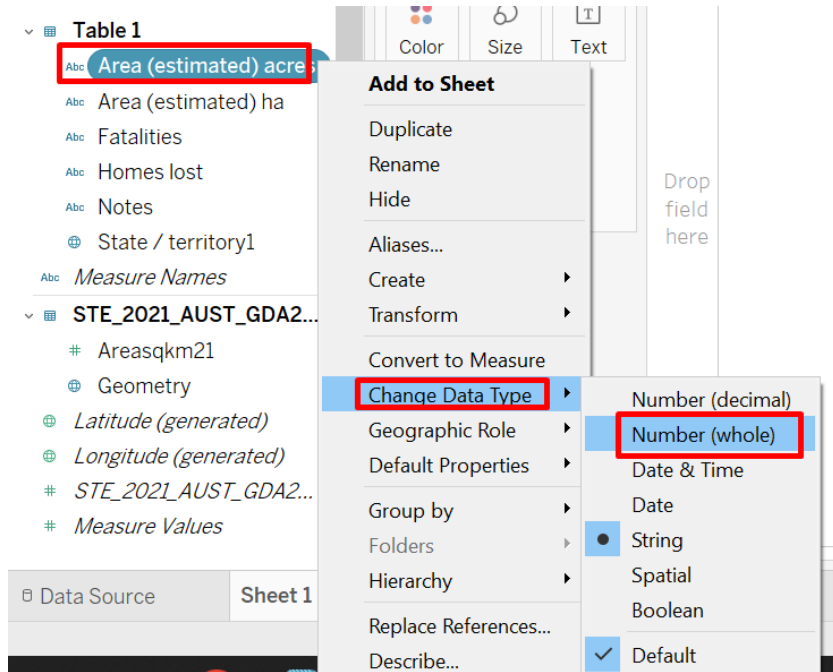
State / territory = State / terr...

bring in the Table 1 from Book 1 to inner join

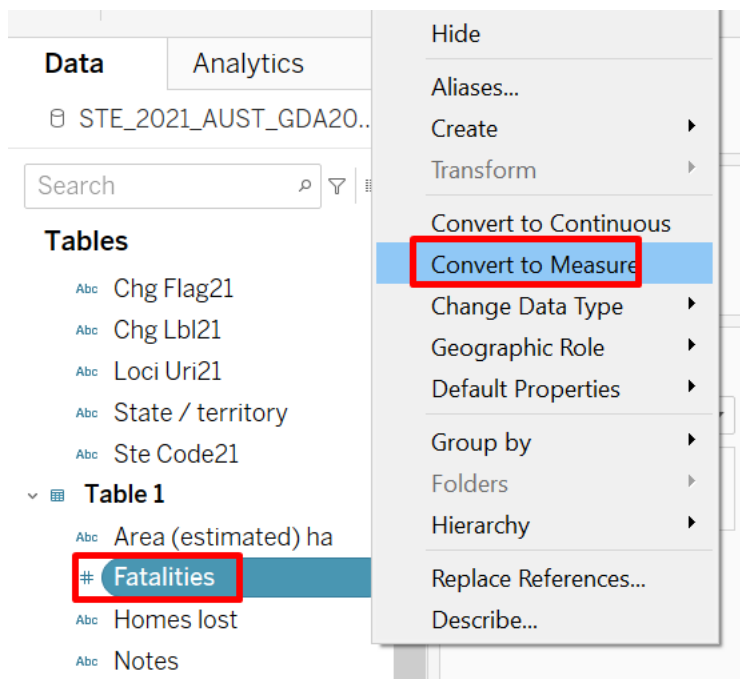
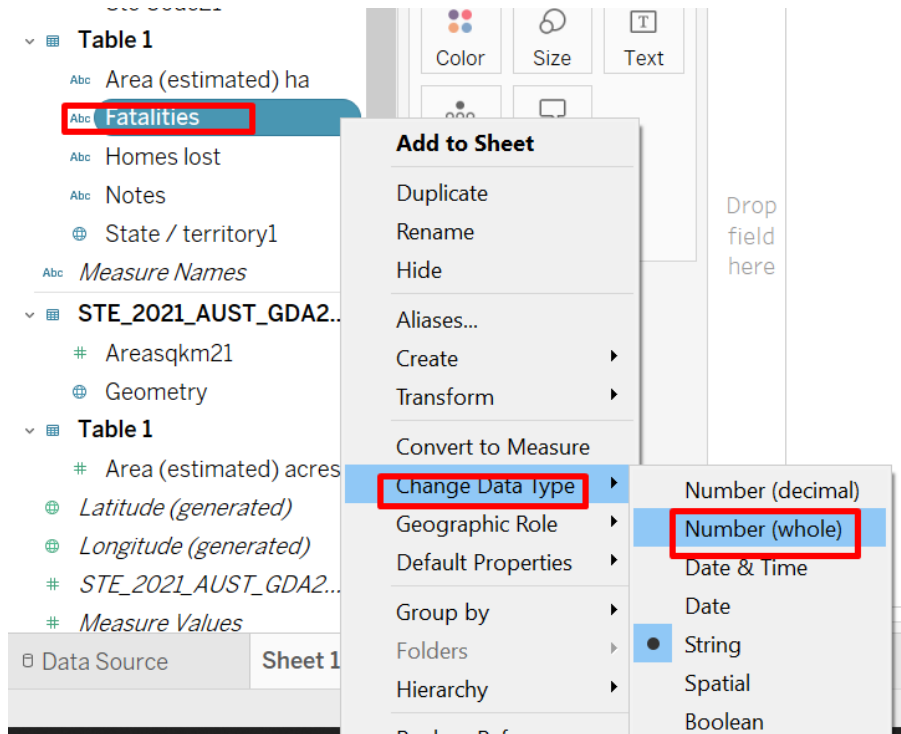
the right side Table comes from Book1 inner joined using the State/territory column

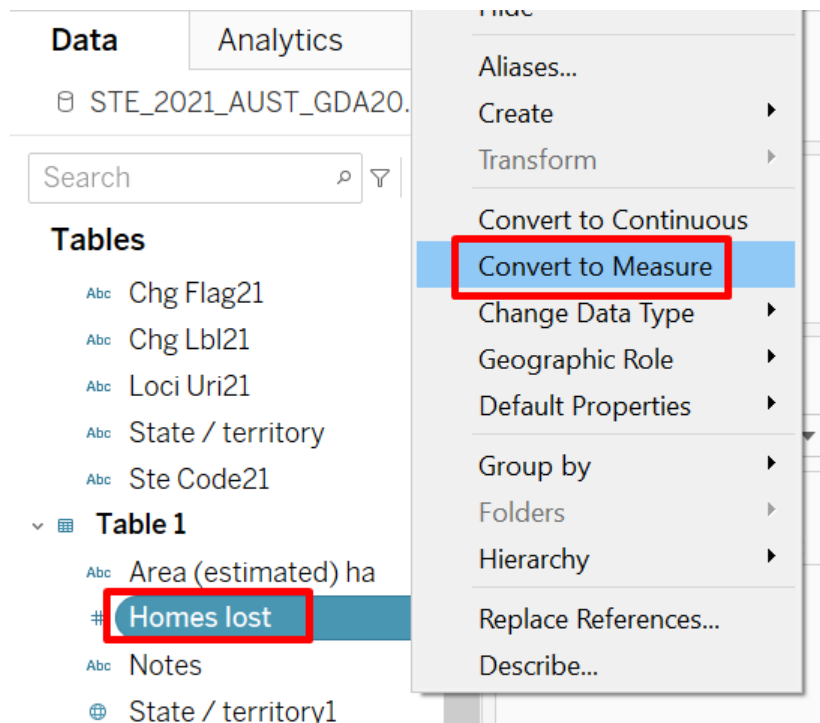
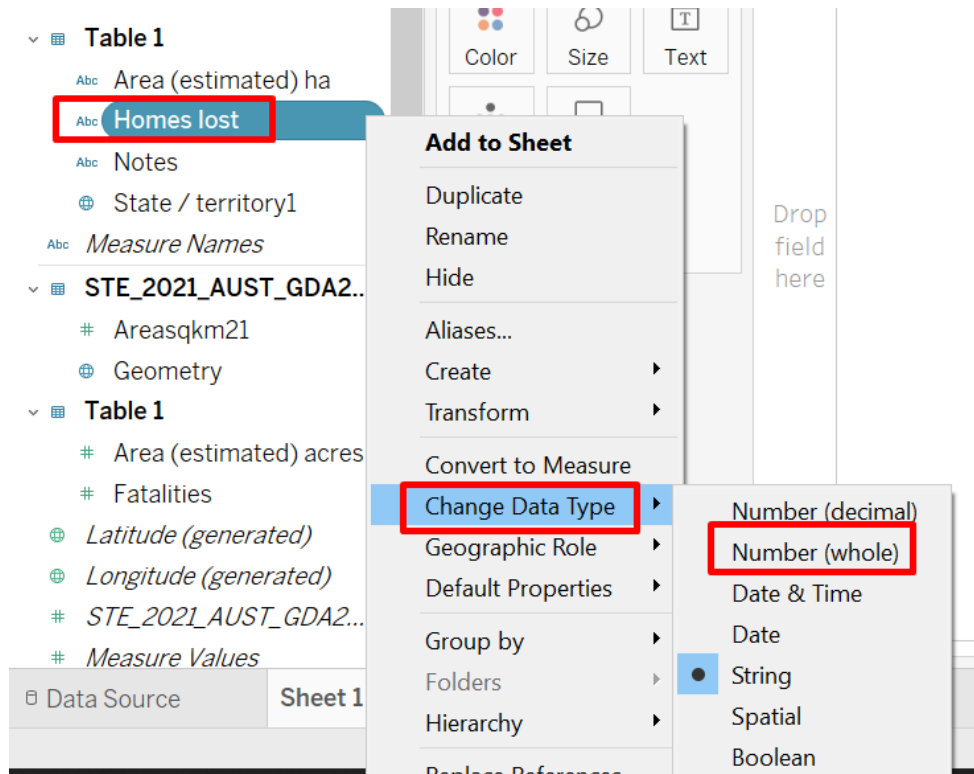
#	AreaSqkm21	Loci Uri21	Geometry	State / territory1	Fatalities	Homes lost	Are
800,797.66	http://linked.data.gov.au/dat...	MultiPolygon	New South Wales	26	2,448	5.1	
227,496.25	http://linked.data.gov.au/dat...	MultiPolygon	Victoria	5	396	1.1	
1,730,171.22	http://linked.data.gov.au/dat...	MultiPolygon	Queensland	0	48	2.1	
984,231.42	http://linked.data.gov.au/dat...	MultiPolygon	South Australia	3	151	4.9	
2,526,632.48	http://linked.data.gov.au/dat...	MultiPolygon	Western Australia	0	1	2.1	
68,017.54	http://linked.data.gov.au/dat...	MultiPolygon	Tasmania	0	2	3.6	
1,348,134.49	http://linked.data.gov.au/dat...	MultiPolygon	Northern Territory	0	5	6.1	
2,359.13	http://linked.data.gov.au/dat...	Polygon	Australian Capital Territory	0	0	0.6	

**D. CHANGE DATA TYPE AND CONVERT TO MEASURE FOR AREA (ACRES) / FATALITIES / HOMES LOST**

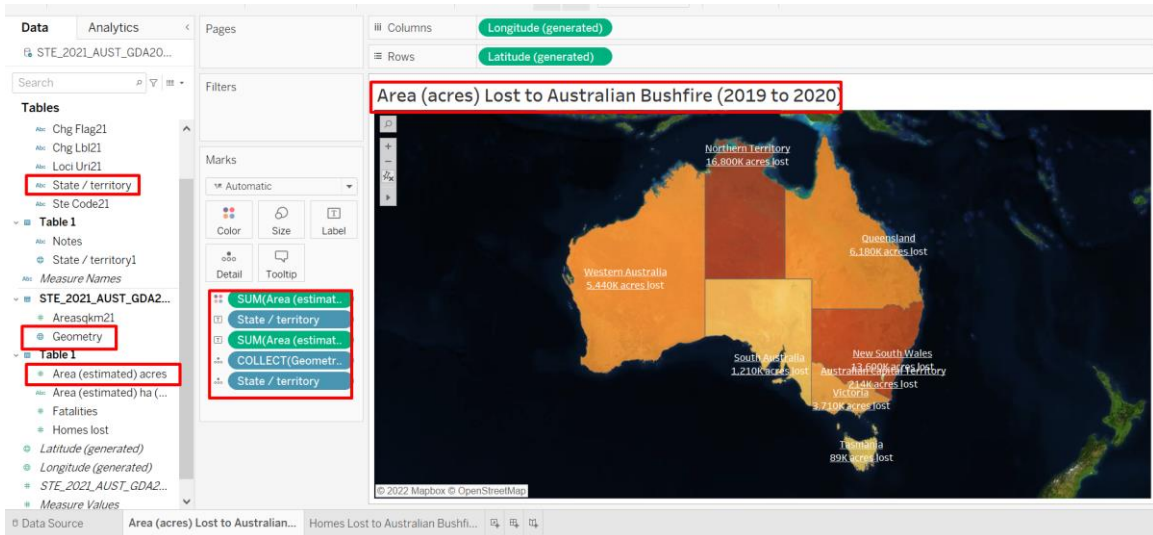








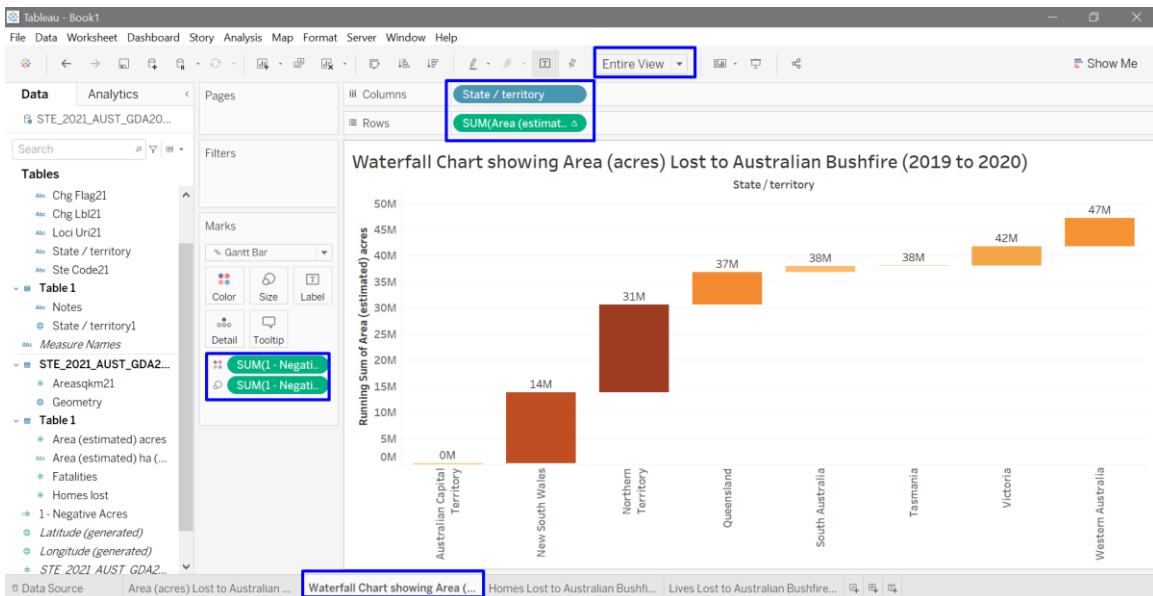
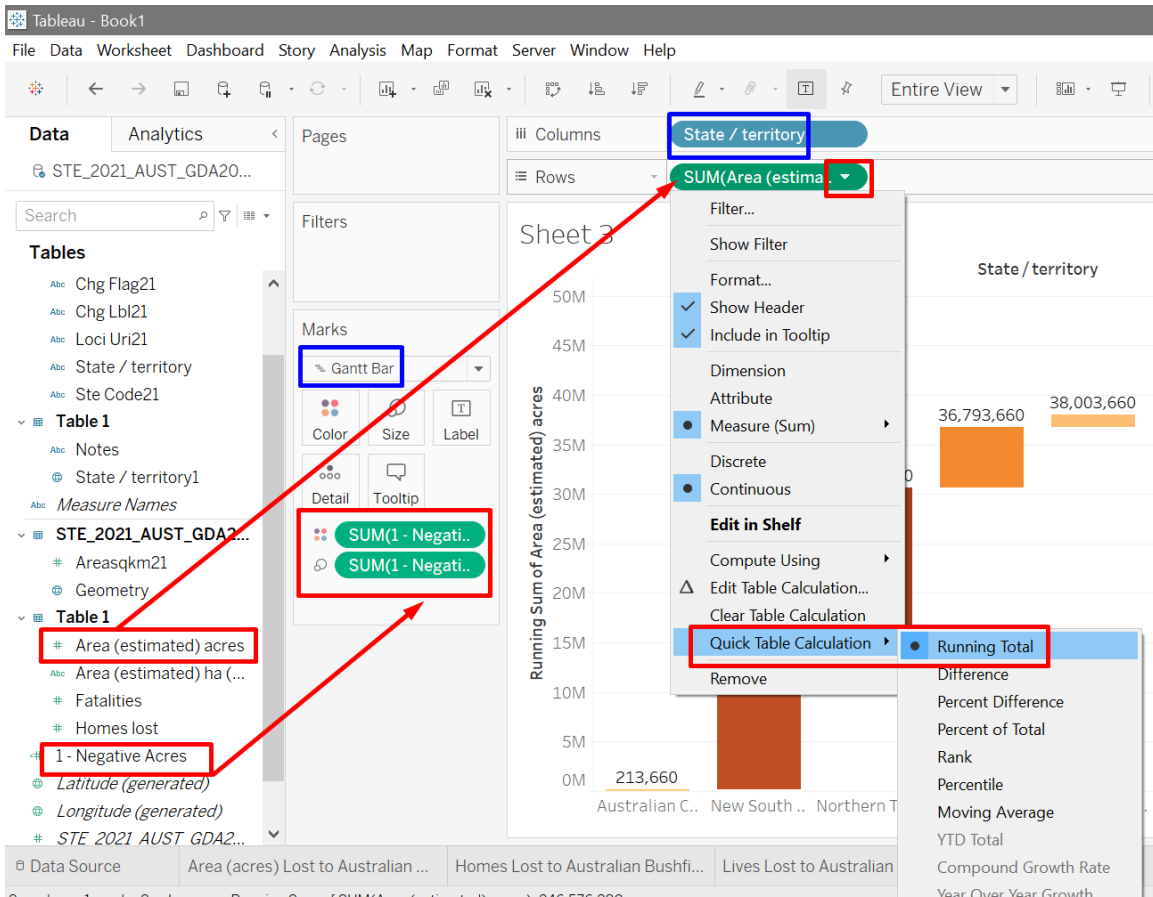
### E. HEATMAP OF AREA (ACRES) LOST TO AUSTRALIAN BUSHFIRE (2019 TO 2020)



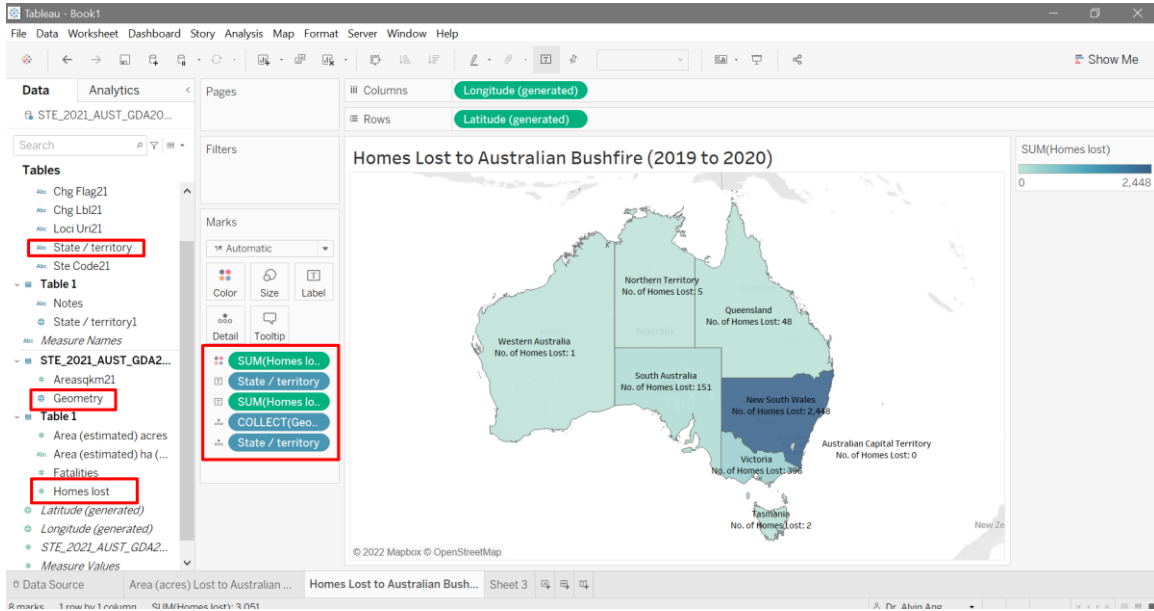
### F. WATER FALL CHART

The screenshot shows the 'Create Calculated Field' dialog box with the following details:

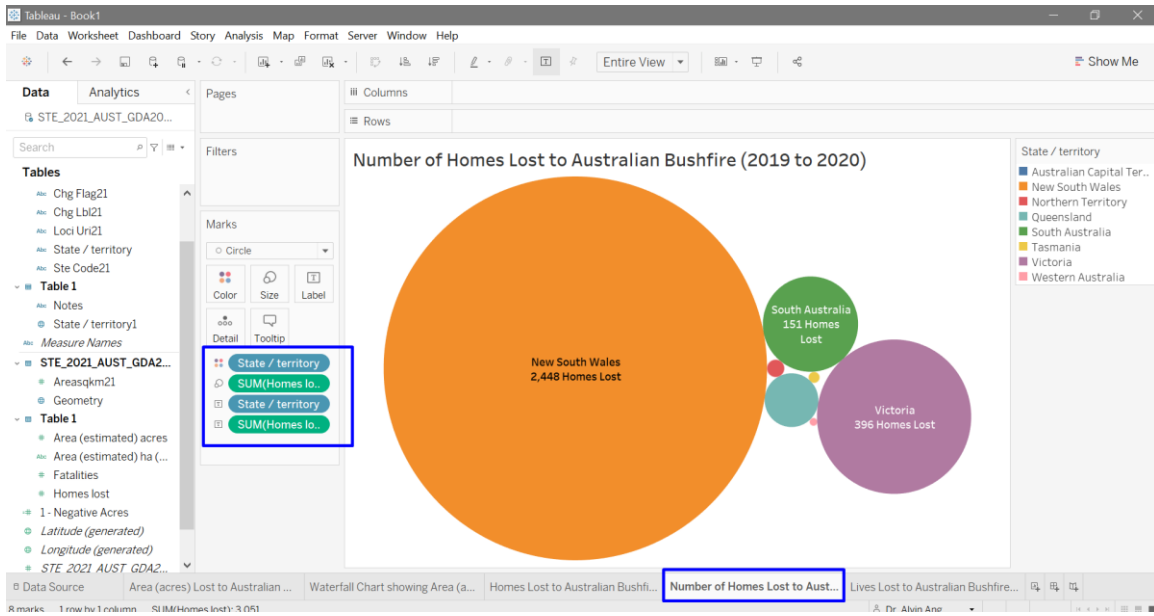
- Field Name: 1 - Negative Acres
- Formula: `-[Area (estimated) acres]`
- Status: The calculation is valid.
- Buttons: Apply, OK



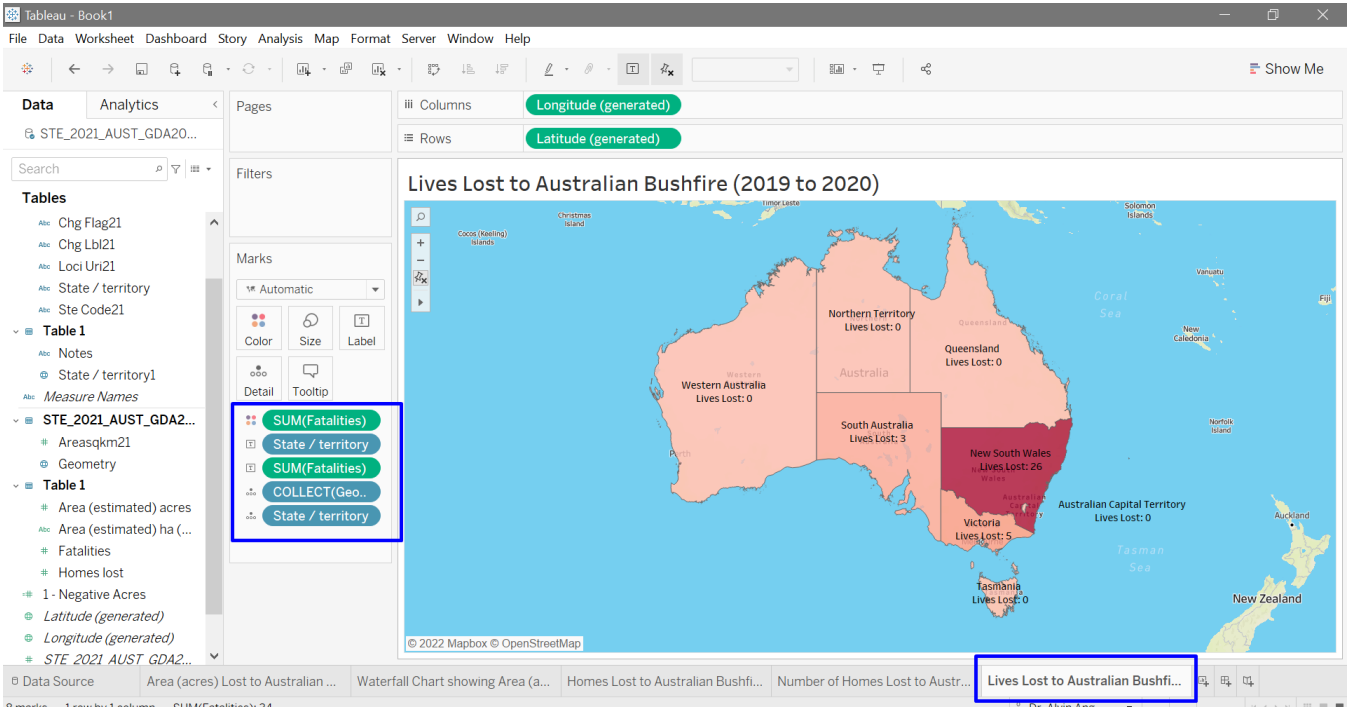
## G. HEATMAP OF HOMES LOST TO AUSTRALIAN BUSHFIRE (2019 TO 2020)



## H. BUBBLE CHART



# I. HEATMAP OF LIVES LOST TO AUSTRALIAN BUSHFIRE (2019 TO 2020)



## J. BAR CHART

The screenshot shows the Tableau interface with the 'Filter [State / territory]' dialog box open. The 'General' tab is selected, and the 'Select from list' option is chosen. The list of states and territories includes New South Wales, South Australia, and Victoria, which are checked. The 'Apply' button is highlighted.

The screenshot shows the Tableau interface with a bar chart titled 'Number of Lives Lost to Australian Bushfire (2019 to 2020)'. The chart displays the number of fatalities for New South Wales (26), Victoria (5), and South Australia (3). The 'SUM(Fatalities)' field is highlighted in the Marks card.

State / territory	Fatalities
New South Wales	26
Victoria	5
South Australia	3

---

### III. SINGAPORE'S CRIME STATISTICS (2010 – 2014)

---

<https://www.alvinang.sg/s/Singapore-Crime-Statistics-Neighborhood-Police-Centre-2010-to-2014.xls>

<https://public.tableau.com/app/profile/dr.alvin.ang/viz/SingaporeCrimeStatistics2010-2014/SingaporeCrimeStatistics2010-2014>

Referenced from:

<https://public.tableau.com/app/profile/elias8766/viz/ApictureofcrimeinSingapore/Map-rank>



## A. DATA SOURCE

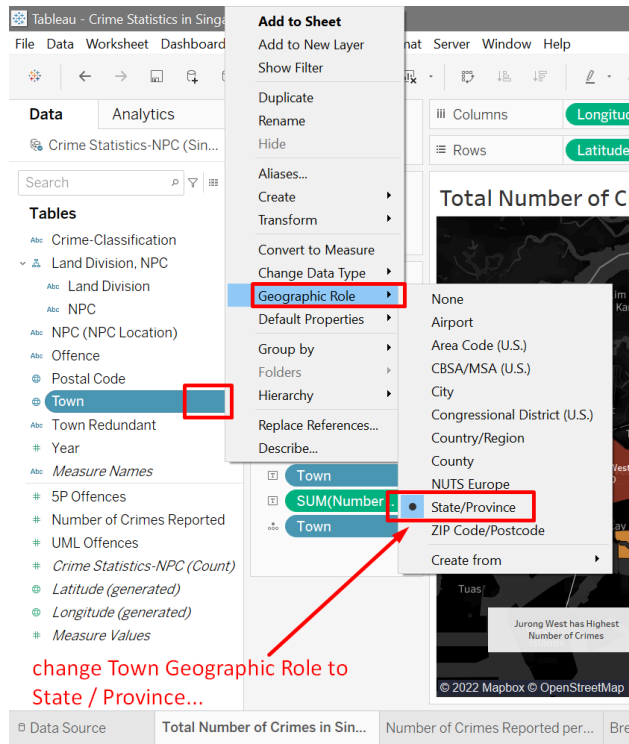
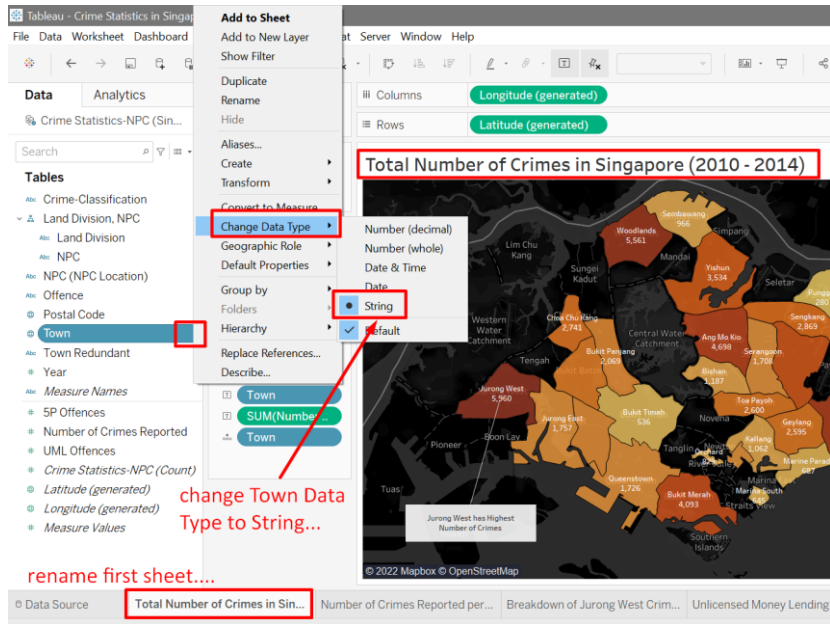
connect to the Crime Statistics xls and change connection to EXTRACT

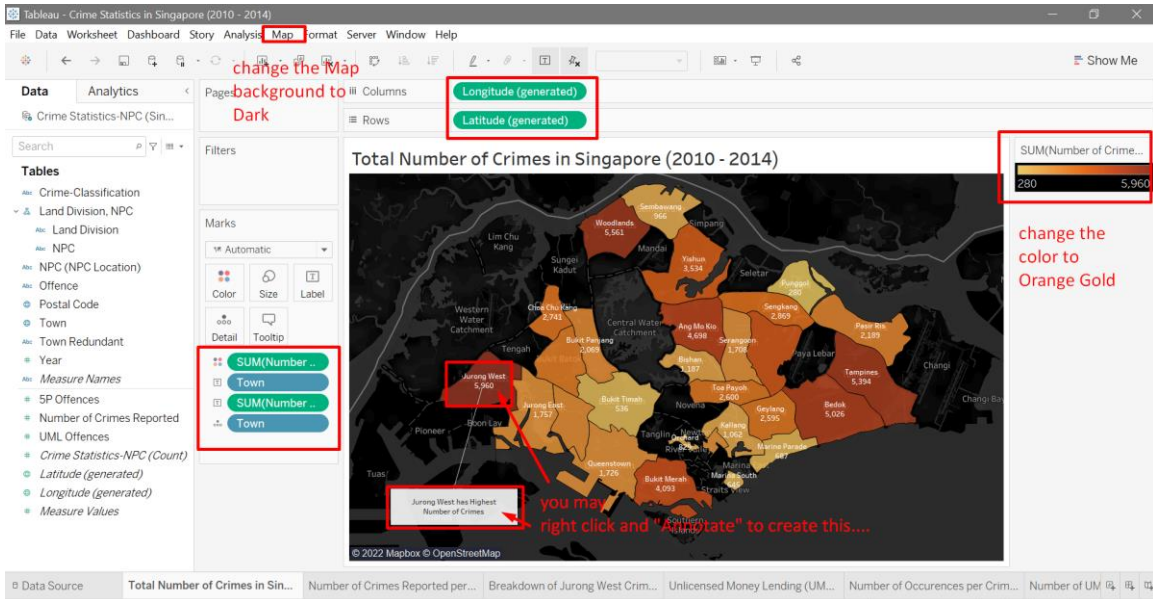
Crime-Classification	Land Division	NPC	NPC (NPC Location)	Offence	Postal Code	Town
5P	Central Police Division	Bukit Merah East NPC	Bukit Merah East NPC	Robbery	88762	Bukit Me
5P	Central Police Division	Bukit Merah East NPC	Bukit Merah East NPC	Housebreaking	88762	Bukit Me
5P	Central Police Division	Bukit Merah East NPC	Bukit Merah East NPC	Snatch theft	88762	Bukit Me
5P	Central Police Division	Bukit Merah East NPC	Bukit Merah East NPC	Theft of M./Vehicle	88762	Bukit Me
5P	Central Police Division	Bukit Merah East NPC	Bukit Merah East NPC	Outrage of Modesty	88762	Bukit Me
5P	Central Police Division	Marina Bay NPC	Marina Bay NPC	Robbery	18962	Marina S
5P	Central Police Division	Marina Bay NPC	Marina Bay NPC	Housebreaking	18962	Marina S
5P	Central Police Division	Marina Bay NPC	Marina Bay NPC	Snatch theft	18962	Marina S

rename this column "Cases (Number)" to "Number of Crimes Reported"

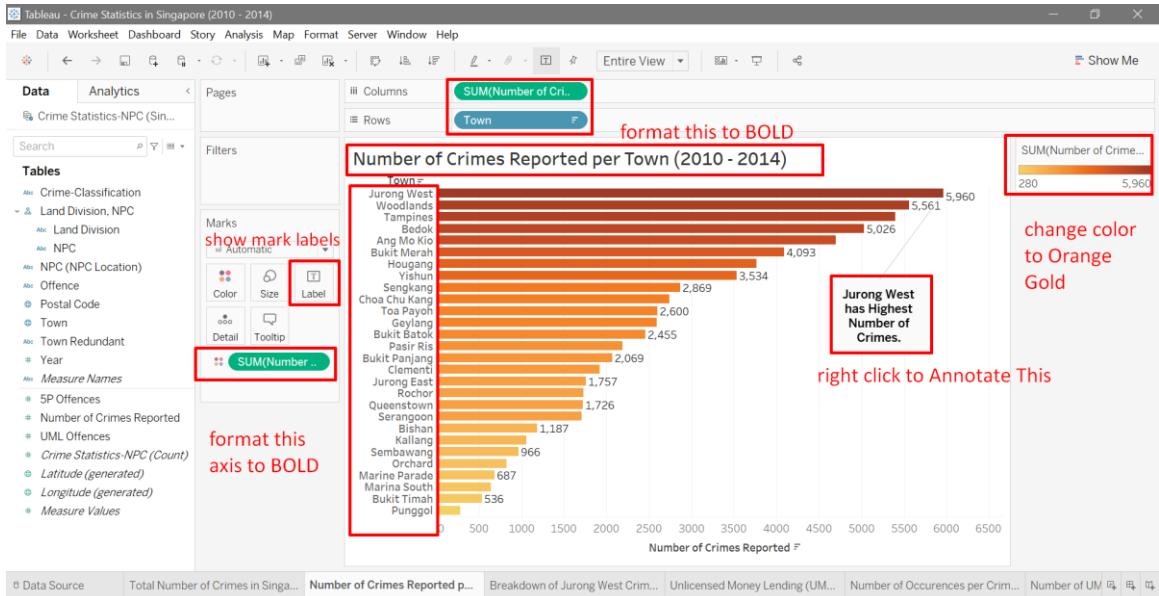
Postal Code	Town	Town Redundant	Year	5P Offences	Number of Crimes Reported	UML Offences
88762	Bukit Merah	Bukit Merah	2010	19	19	null
88762	Bukit Merah	Bukit Merah	2010	18	18	null
88762	Bukit Merah	Bukit Merah	2010	17	17	null
88762	Bukit Merah	Bukit Merah	2010	28	28	null
88762	Bukit Merah	Bukit Merah	2010	66	66	null
18962	Marina South	Marina South	2010	2	2	null
18962	Marina South	Marina South	2010	20	20	null
18962	Marina South	Marina South	2010	6	6	null

**B. SHEET 1: TOTAL NUMBER OF CRIMES IN SINGAPORE (2010 - 2014)**

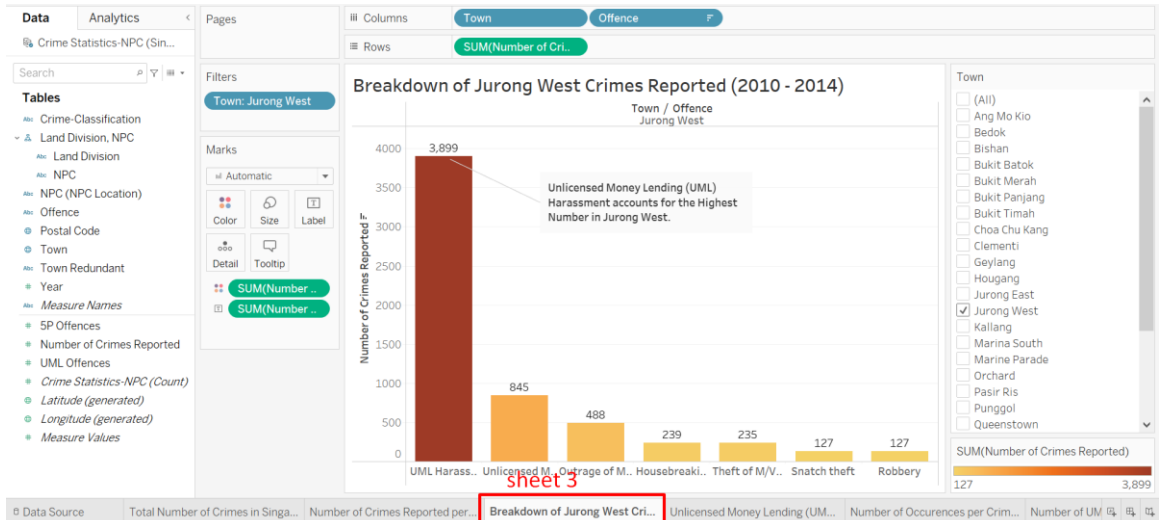




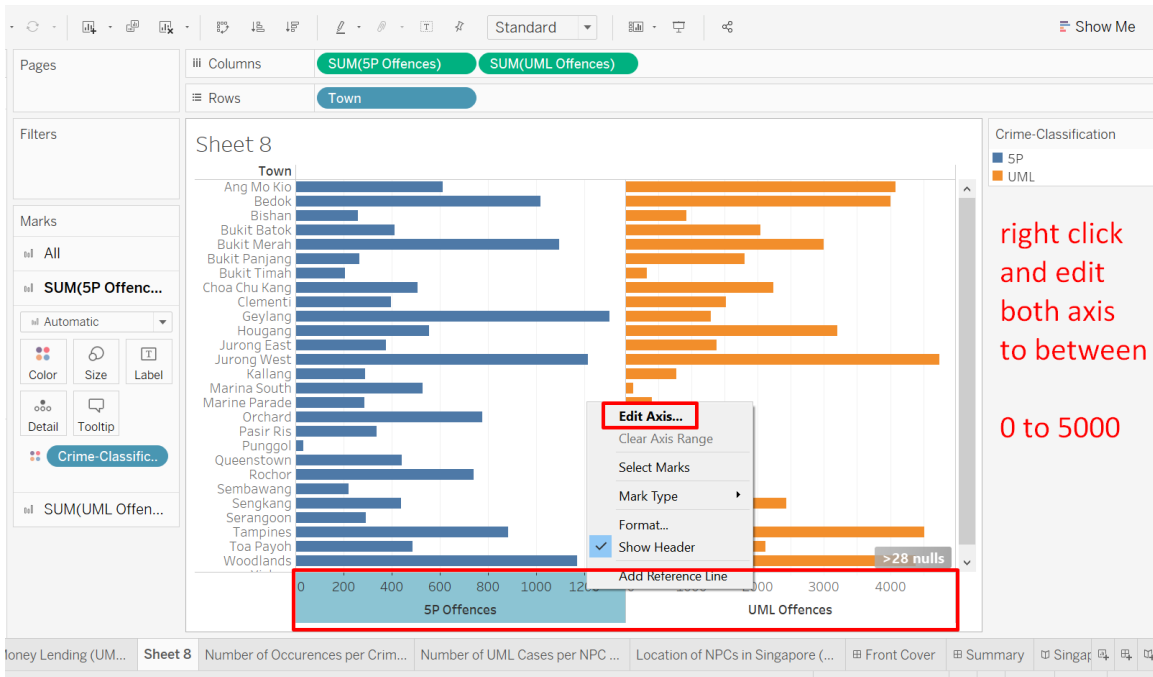
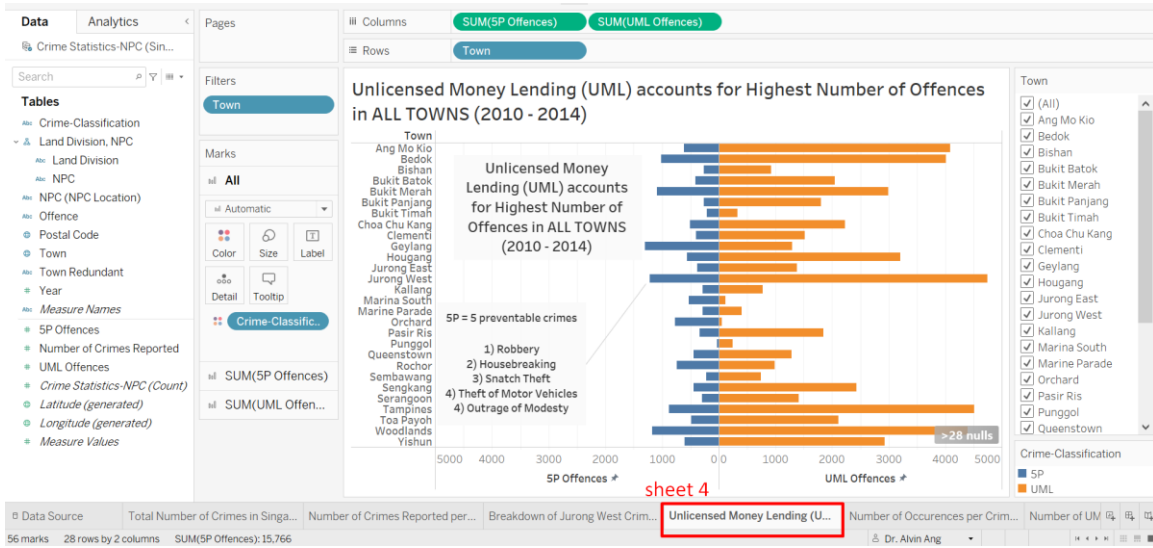
### C. SHEET 2: NUMBER OF CRIMES REPORTED PER TOWN (2010 - 2014)

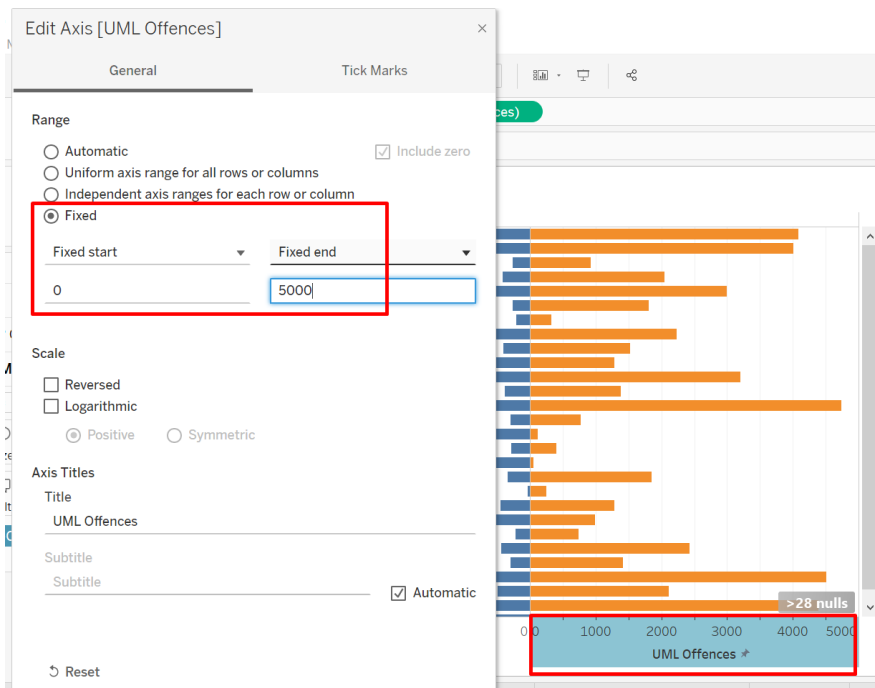
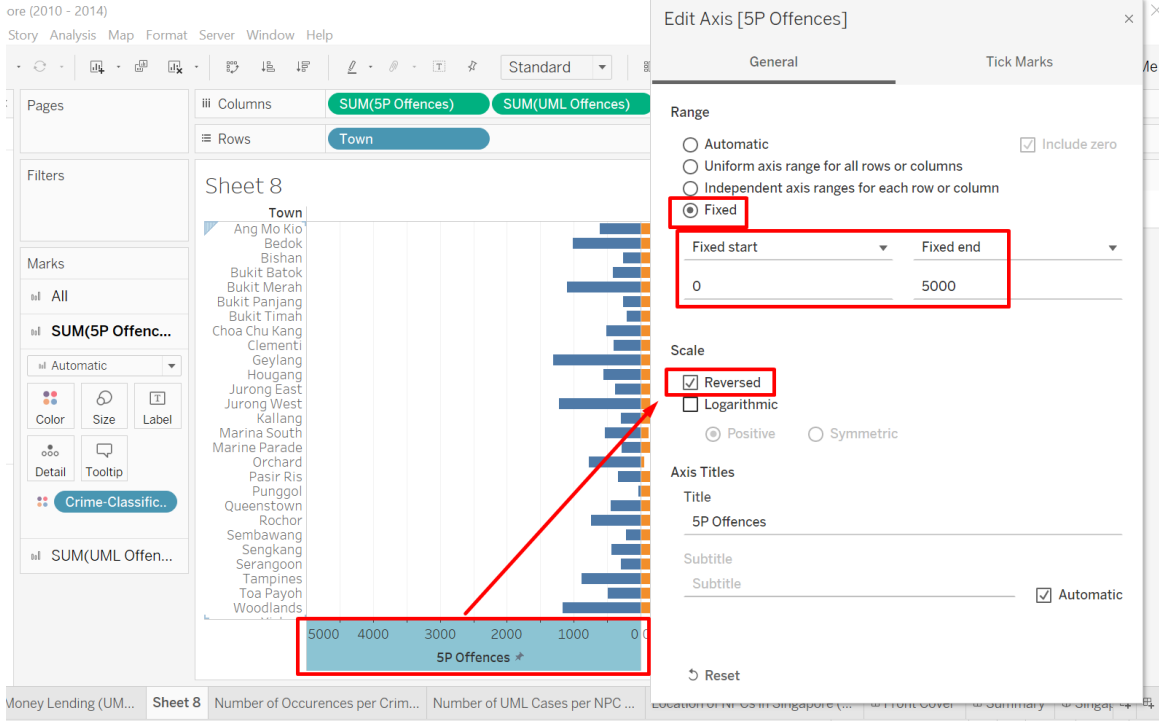


### D. SHEET 3: BREAKDOWN OF JURONG WEST CRIMES REPORTED (2010 - 2014)

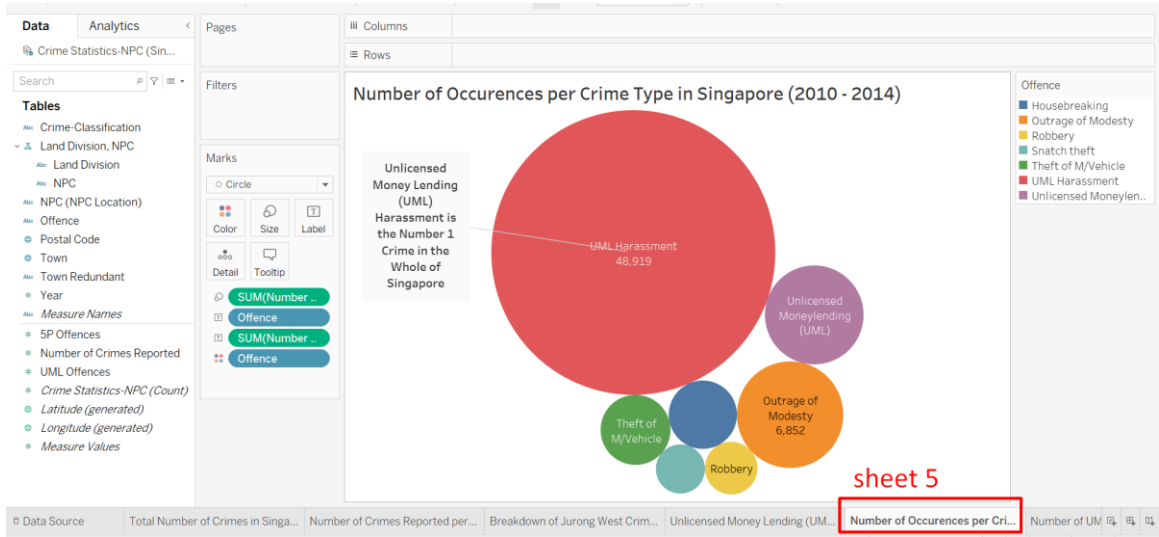


### E. SHEET 4: UNLICENSED MONEY LENDING (UML)

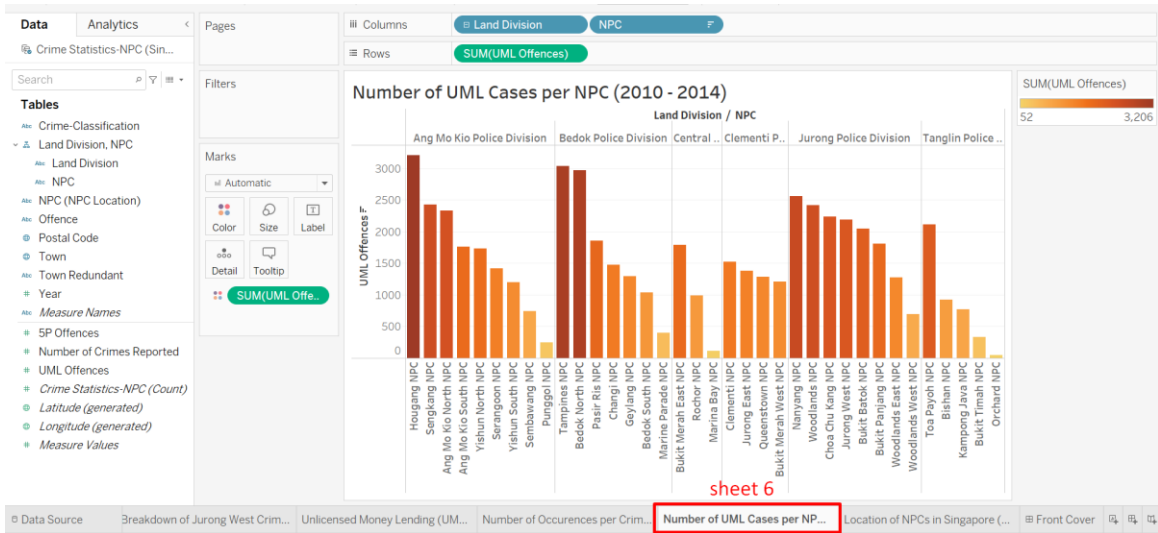




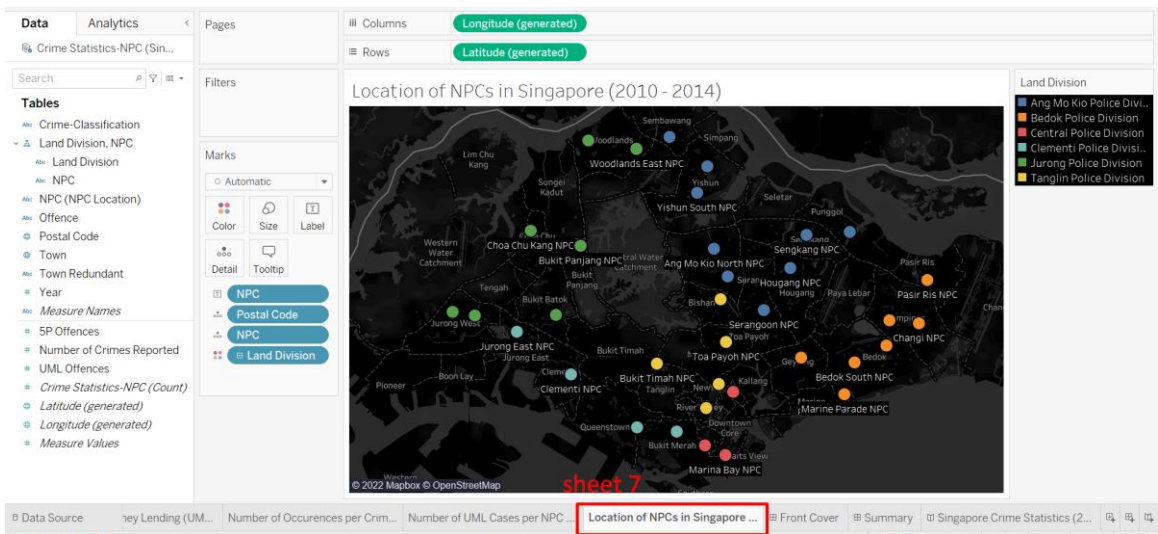
F. SHEET 5: NUMBER OF OCCURENCES PER CRIME TYPE IN SINGAPORE (2010 – 2014)



### G. SHEET 6: NUMBER OF UML CASES PER NPC (2010 – 2014)



### H. SHEET 7: LOCATION OF NPCS IN SINGAPORE (2010 – 2014)





## I. FRONT COVER (DASHBOARD)

The screenshot shows a dashboard interface with a sidebar on the left and a main content area. The sidebar contains sections for 'Dashboard' (Default, Phone, Device Preview), 'Size' (Automatic), 'Sheets' (Total Number of..., Number of Crim..., Breakdown of Ju..., Unlicensed Mon..., Number of Occu..., Number of UML..., Location of NPC...), and 'Objects' (Horizontal, Vertical, A Text, Image, Web Page, Blank, Navigation, Download, Extension, Ask Data). The main content area features a large image of police officers in uniform against a blue background with a network diagram. The title 'Singapore Crime Statistics (2010 - 2014)' is displayed at the top. A red box highlights the 'Front Cover' widget in the bottom navigation bar. The text 'front cover (dashboard)' is written in red on the left side of the image.

## J. SUMMARY (DASHBOARD)

The screenshot shows a dashboard interface with a sidebar on the left and a main content area. The sidebar contains sections for 'Dashboard' (Default, Phone, Device Preview), 'Size' (Automatic), 'Sheets' (Total Number of..., Number of Crim..., Breakdown of Ju..., Unlicensed Mon..., Number of Occu..., Number of UML..., Location of NPC...), and 'Objects' (Horizontal, Vertical, A Text, Image, Web Page, Blank, Navigation, Download, Extension, Ask Data). The main content area features a large image of hands being handcuffed. The title 'Summary' is displayed at the top. A red box highlights the 'Summary' widget in the bottom navigation bar. The text 'summary (dashboard)' is written in red on the left side of the image.

## K. FINAL STORY

Story    Layout

### Singapore Crime Statistics (2010 - 2014)

New story point  
Blank    Duplicate

- Total Number of ...
- Number of Crim...
- Breakdown of Ju...
- Unlicensed Mon...
- Number of Occu...
- Number of UML ...
- Location of NPC...
- Front Cover
- Summary

A Drag to add text

Show title

Size  
Automatic

---

#### IV. SINGAPORE'S DEATH STATISTICS (2006 TO 2021)

---

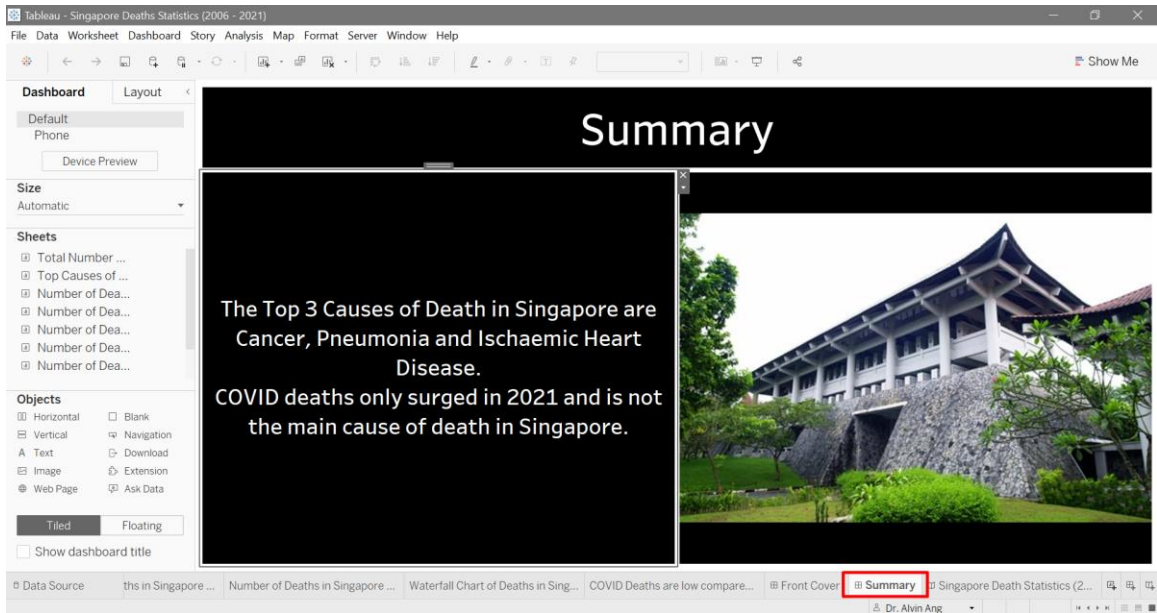
<https://public.tableau.com/app/profile/dr.alvin.ang/viz/SingaporeDeathsStatistics2006-2021/SingaporeDeathStatistics2006-2021>

<https://www.alvinang.sg/s/Top-10-Causes-of-Death-in-Singapore-2006-2021.xls>

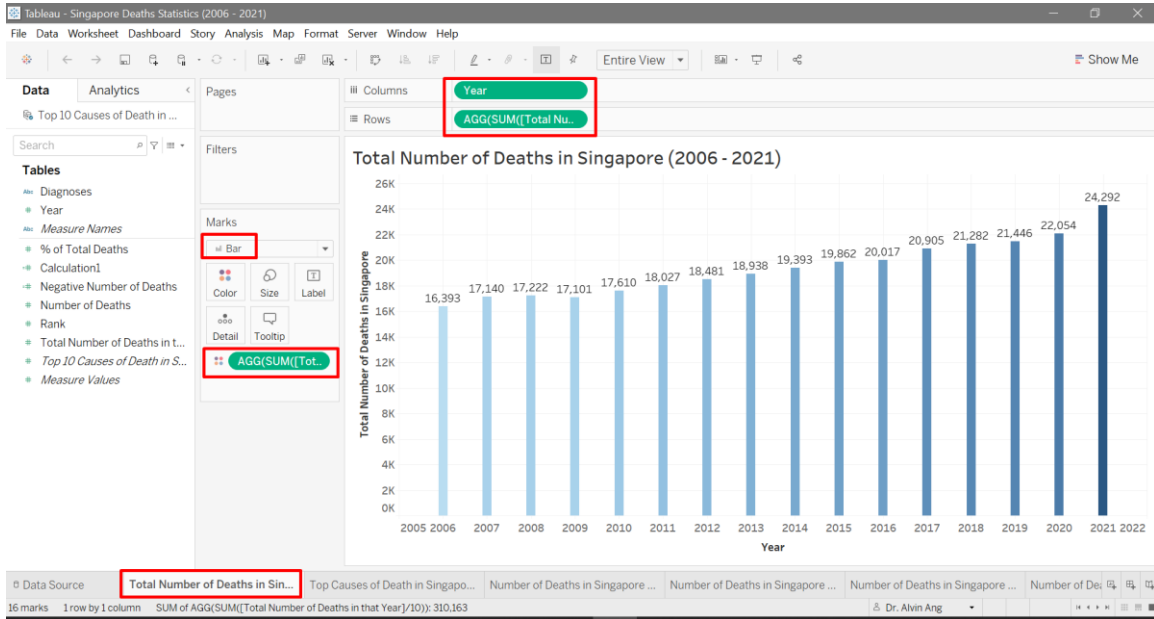
#### References:

<https://www.moh.gov.sg/resources-statistics/singapore-health-facts/principal-causes-of-death>

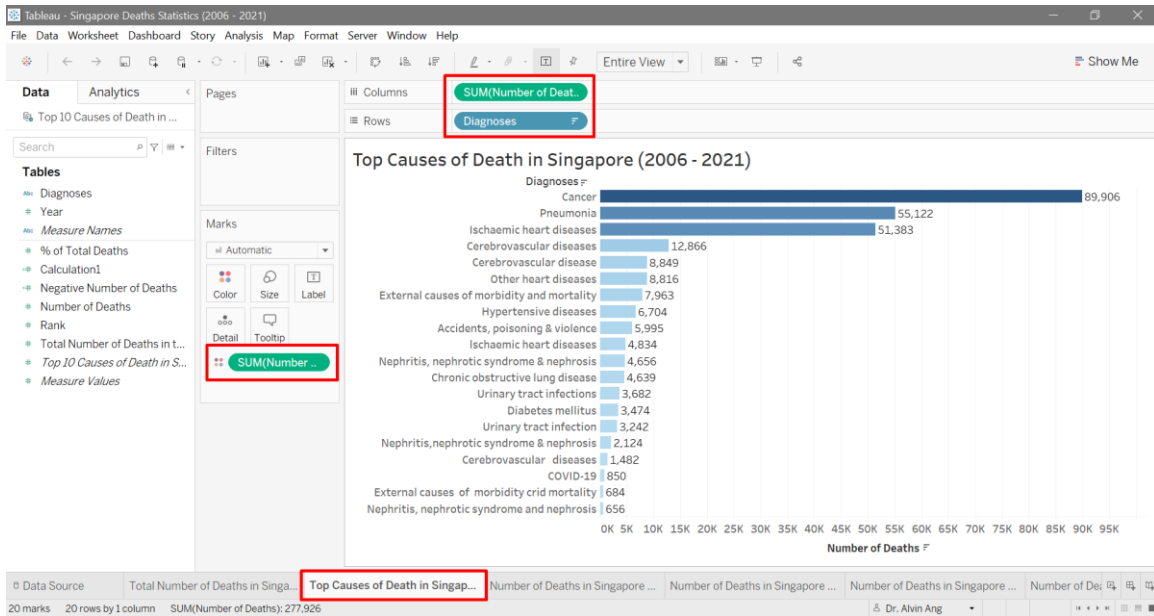
## A. FRONT AND BACK COVER



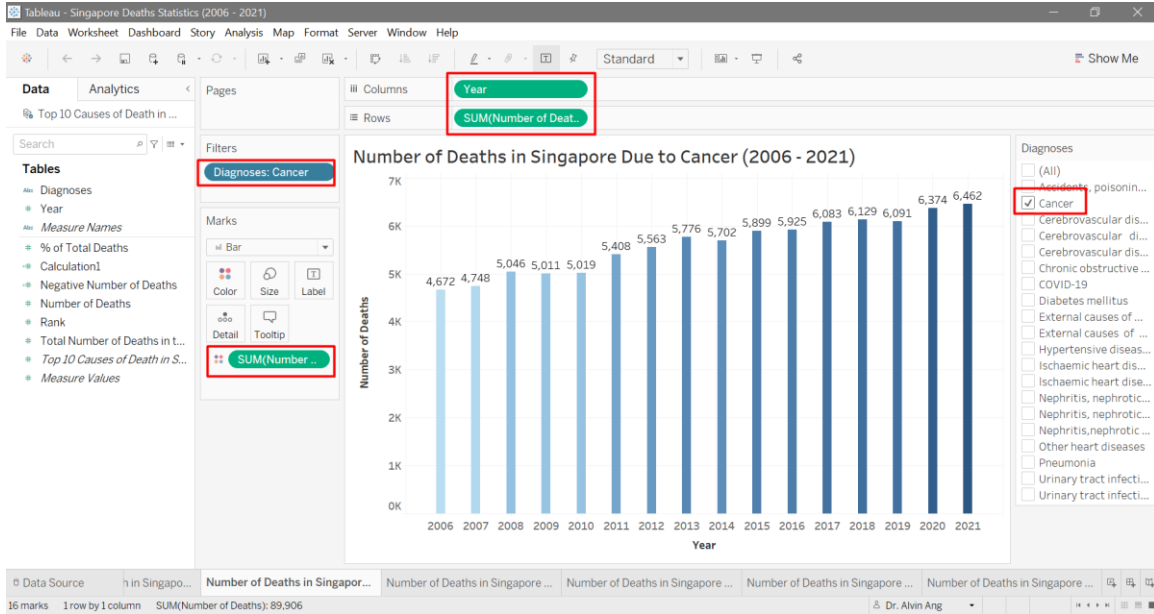
## B. SHEET 1: TOTAL NUMBER OF DEATHS IN SINGAPORE (2006 TO 2021)



## C. SHEET 2: TOP CAUSES OF DEATH IN SINGAPORE (2006 TO 2021)



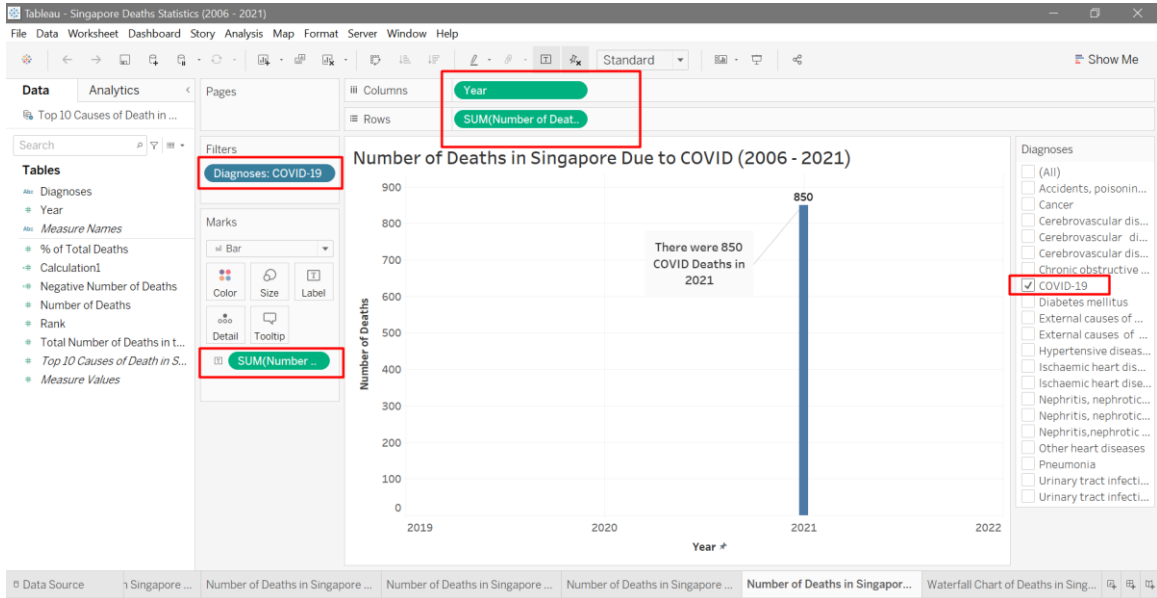
**D. SHEET 3: NUMBER OF DEATHS IN SINGAPORE DUE TO CANCER (2006 TO 2021)**



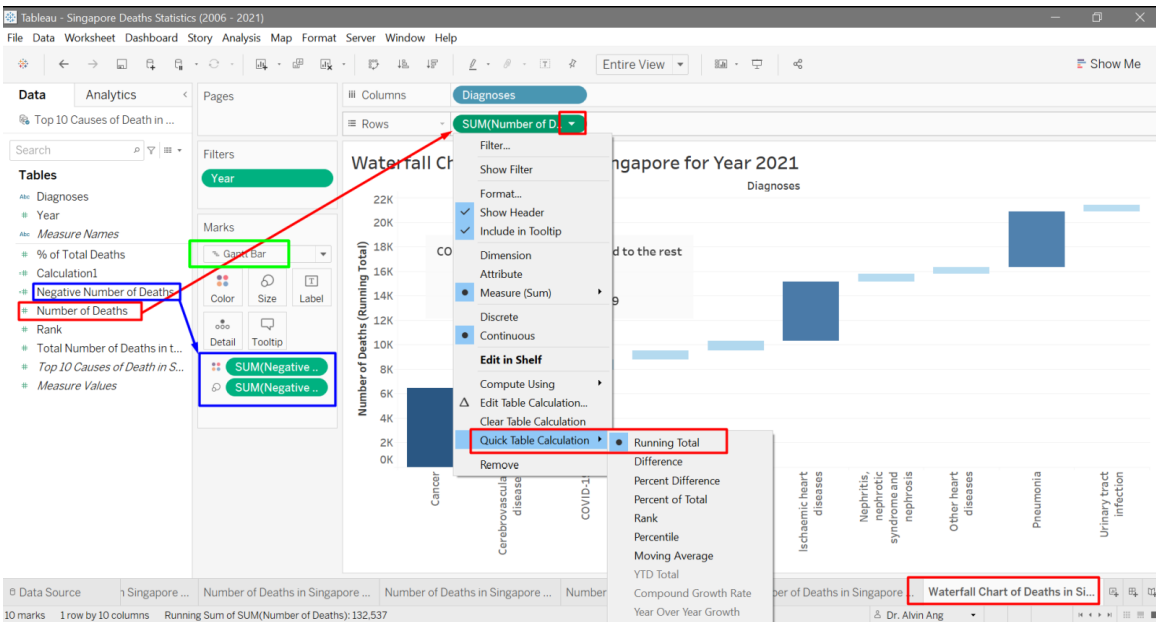
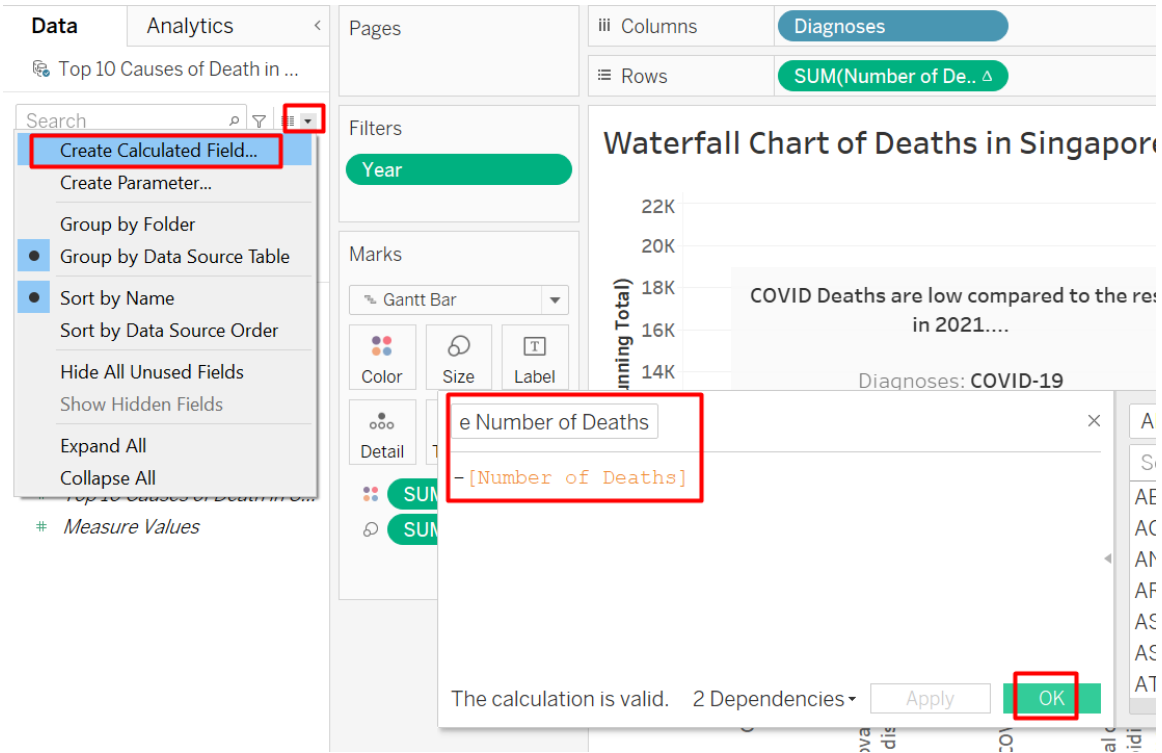
**E. FOR SHEETS 4 (DEATHS DUE TO PNEUMONIA) / SHEET 5 (DEATHS DUE TO HEART DISEASES) / SHEET 6 (DEATHS DUE TO ACCIDENTS ETC.)**

Simply repeat the previous step...

## F. SHEET 7: NUMBER OF DEATHS IN SINGAPORE DUE TO COVID (2006 TO 2021)

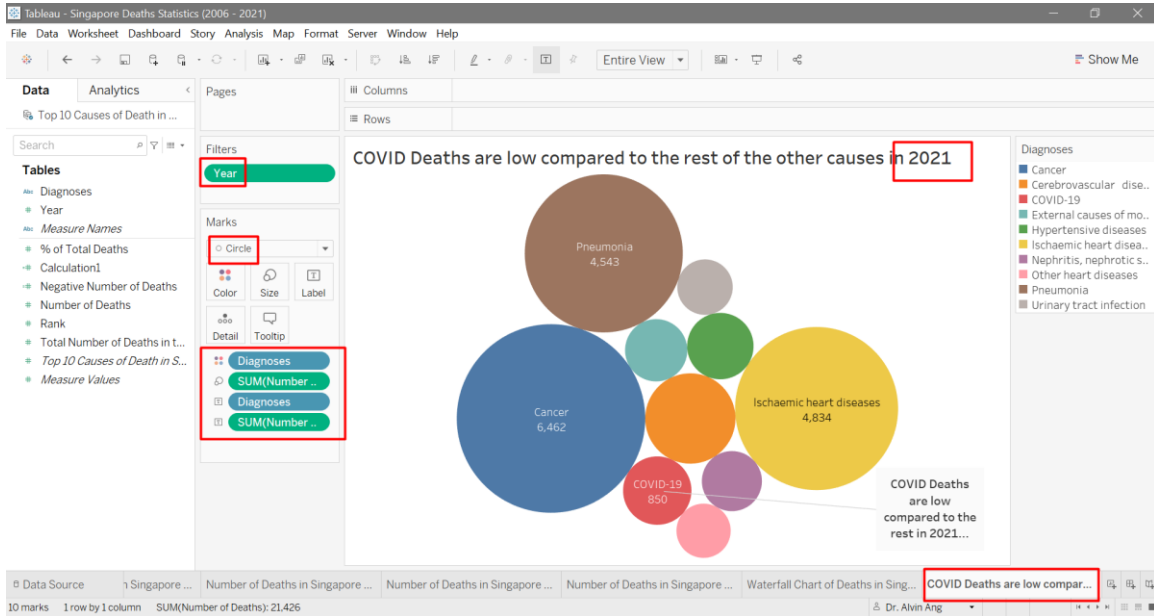


**G. SHEET 8: WATERFALL CHART OF DEATHS IN SINGAPORE FOR YEAR 2021**





## H. SHEET 9: COVID DEATHS ARE LOW COMPATER TO THE REST OF THE OTHER CAUSES IN 2021



---

**V. SINGAPORE'S HDB RESALE FLAT PRICES (SOLD BETWEEN 2021 & 2022)**

---

<https://public.tableau.com/app/profile/dr.alvin.ang/viz/SingaporesHDBResaleFlatPricesoldbetween20212022/Chapter1HDBResaleFlatsPricesoldbetween20212022>

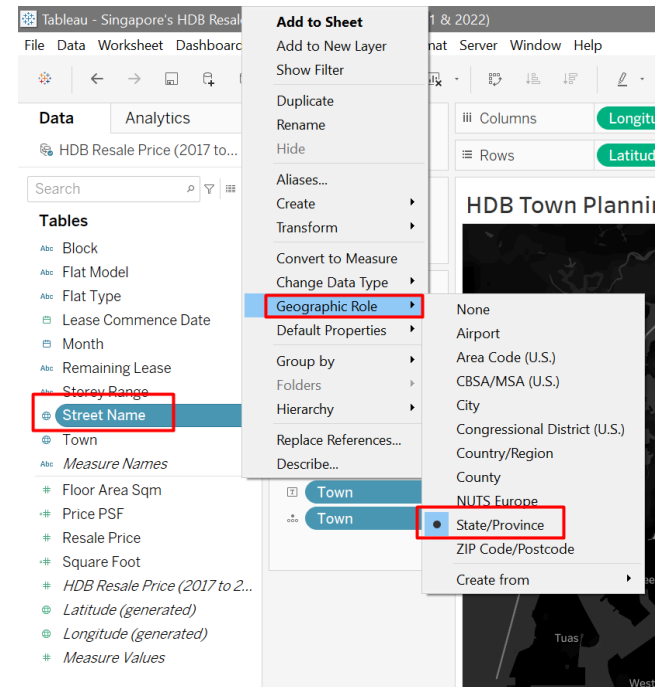
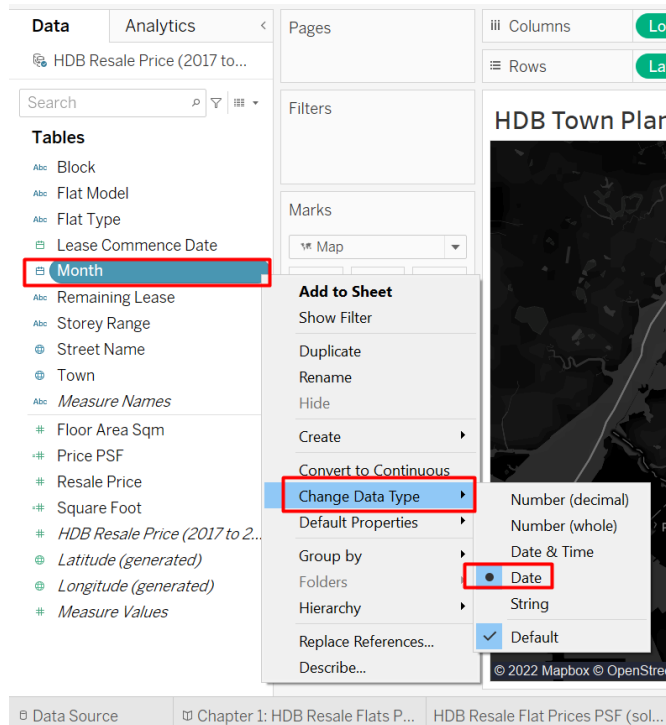
<https://www.alvinang.sg/s/HDB-Resale-Price-2017-to-2022-EDITED.csv>

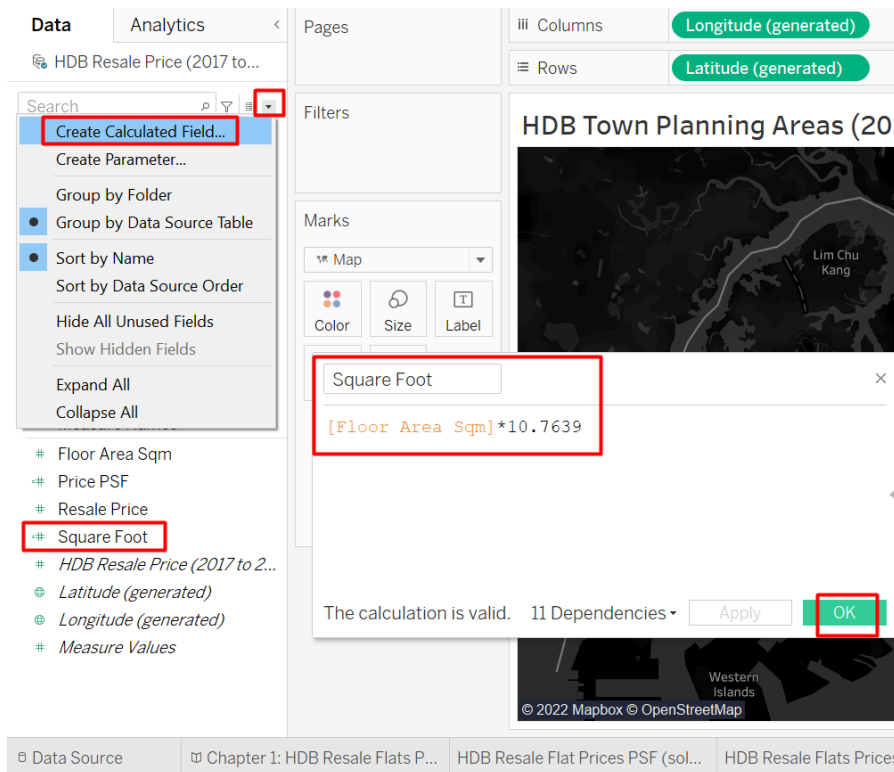
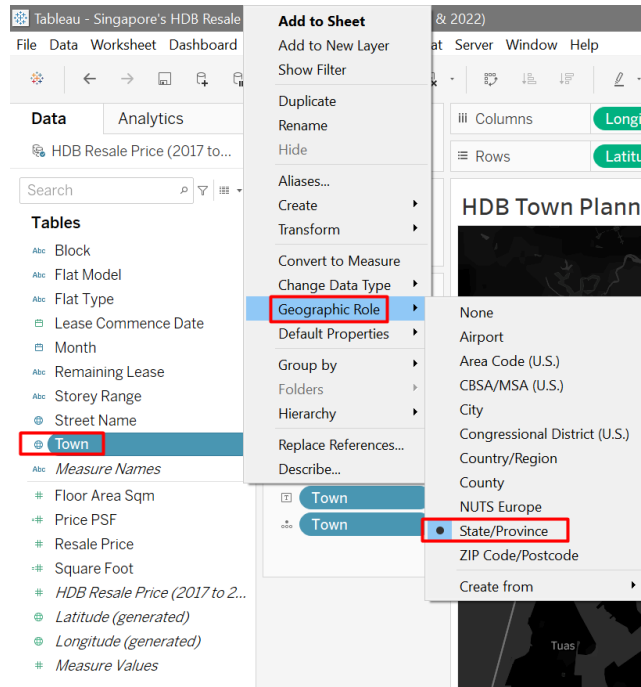
References:

<https://public.tableau.com/app/profile/sai.ming.liew/viz/SingaporePublicHousingPrices/ByFlatType>

<https://data.gov.sg/dataset/resale-flat-prices>

A. CHAPTER 1: HDB RESALE FLATS PRICES (SOLD BETWEEN 2021 AND 2022)





**Data** | Analytics | Pages | Columns: Longitude (generated) | Rows: Latitude (generated)

HDB Resale Price (2017 to 2021)

Search: Create Calculated Field... (highlighted), Create Parameter..., Group by Folder, Group by Data Source Table, Sort by Name, Sort by Data Source Order, Hide All Unused Fields, Show Hidden Fields, Expand All, Collapse All

Filters: [Empty]

Marks: Map, Color, Size, Label

HDB Town Planning Areas (2017 to 2021)

Price PSF dialog: [Resale Price] / [Square Foot] (highlighted)

The calculation is valid. 9 Dependencies | Apply | OK (highlighted)

Table Fields:
 

- # Floor Area Sqm
- # Price PSF (highlighted)
- # Resale Price
- # Square Foot
- # HDB Resale Price (2017 to 2021)
- # Latitude (generated)
- # Longitude (generated)
- # Measure Values

**Tables**

- Block
- Flat Model
- Flat Type
- Lease Commence Date (highlighted)
- Month
- Remaining Lease
- Storey Range
- Street Name
- Town
- Measure Names
- Floor Area Sqm
- Price PSF
- Resale Price
- Square Foot
- HDB Resale Price (2017 to 2021)
- Latitude (generated)
- Longitude (generated)
- Measure Values

Marks: [Empty]

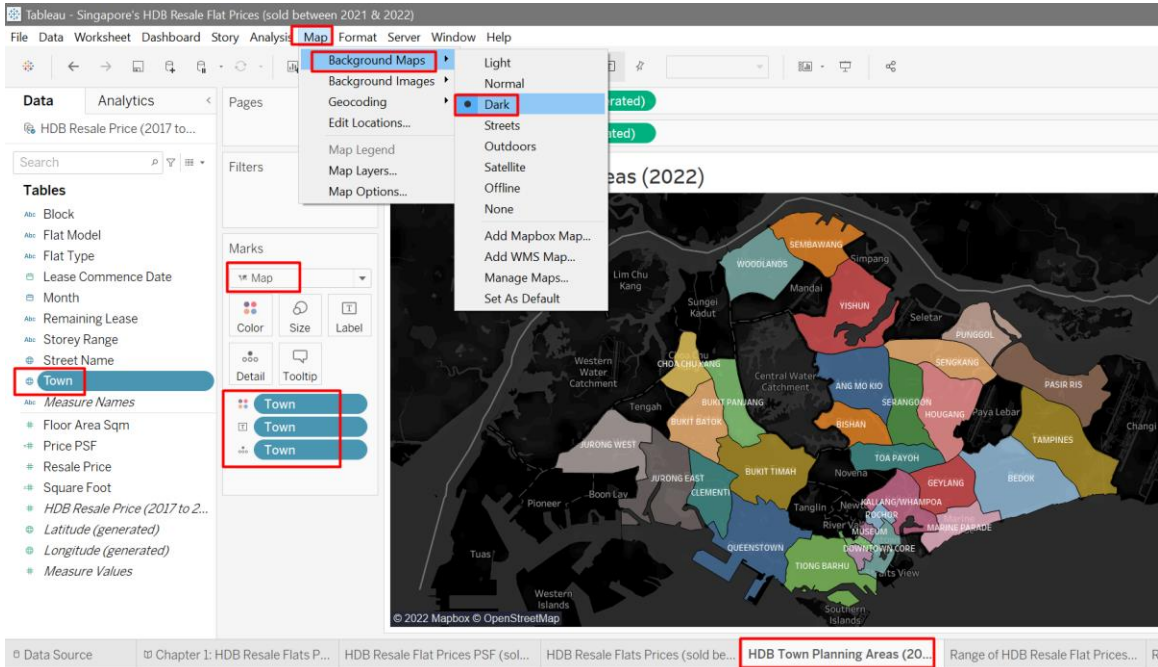
Context Menu:
 

- Add to Sheet
- Show Filter
- Duplicate
- Rename
- Hide
- Create
- Convert to Discrete
- Change Data Type (highlighted)
  - Number (decimal)
  - Number (whole)
  - Date & Time
    - Date (highlighted)
    - String
  - Default
- Default Properties
- Group by
- Folders
- Hierarchy
- Replace References...
- Describe...

© 2022 Mapbox © OpenStreetMap

Data Source | Chapter 1: HDB Resale Flats P... | HDB Resale Flat Prices PSF (s

# 1. SHEET 1: HDB TOWN PLANNING AREAS



## 2. SHEET 2: HDB RESALE FLAT MEDIAN PRICES

The screenshot shows the Tableau interface for a worksheet titled "HDB Resale Flat Prices PSF (sold between 2021 & 2022)".

- Filters:** The "YEAR(Month)" filter is selected and highlighted with a red box.
- Marks:** The "MEDIAN(Price ...)" measure is placed on the Marks card, and "Town" is placed on the Detail shelf.
- Filter [Year of Month]:** A dialog box is open, showing the "Range of dates" tab. The date range is set from "1/1/2021" to "11/1/2022", both dates highlighted with red boxes. The "Show Times" checkbox is unchecked. The "Show:" dropdown is set to "Only Relevant Values". The "Include Null Values" checkbox is unchecked. The "OK" button is highlighted with a red box.

The screenshot shows the Tableau interface displaying a map visualization of HDB resale flat median prices across various towns. The map is titled "HDB Resale Flat Prices (sold between 2021 & 2022)".

- Columns:** "Longitude (generated)" is placed on the Columns shelf.
- Filters:** The "YEAR(Month)" filter is selected and highlighted with a red box.
- Marks:** The "MEDIAN(Resal...)" measure is placed on the Marks card, and "Town" is placed on the Detail shelf. The "Measure (Median)" and "Median" options in the context menu are highlighted with red boxes.
- Map:** The map shows various towns with their median resale prices. Two callouts are visible:
  - Ang Mo Kio has the Lowest HDB Median Resale Price:** Town: ANG MO KIO, Median Resale Price: \$393K.
  - DownTown Core has the Highest HDB Median Resale Price:** Town: DOWNTOWN CORE, Median Resale Price: \$1,008K.

### 3. SHEET 3: TOP HDB RESALE FLAT PRICES

The screenshot shows the Tableau interface. On the left, the 'Filters' shelf contains 'YEAR(Month)'. A red box highlights this filter, with a red arrow pointing to the 'Month' table in the 'Tables' list. In the center, a 'Filter [Year of Month]' dialog box is open, showing a 'Range of dates' filter. The date range is set from '1/1/2021' to '11/1/2022'. The 'Range of dates' button is highlighted with a red box. The 'OK' button is also highlighted with a red box.

The screenshot shows a Tableau worksheet titled 'TOP HDB Resale Flat Prices'. The chart is a horizontal bar chart showing the median resale price for various towns. The x-axis is labeled 'Median Resale Price' and ranges from \$0K to \$1,100K. The y-axis lists towns. The bars are colored orange. A context menu is open over the 'Median' measure, with the 'Measure (Median)' option selected. The 'Median' option is highlighted with a red box. The 'Show Filter' and 'Apply to Worksheets' options are also visible in the menu.

Town	Median Resale Price (Approximate)
DOWNTOWN CORE	\$1,000K
BUKIT TIMAH	\$700K
QUEENSTOWN	\$700K
BISHAN	\$700K
BUKIT MERAH	\$700K
KALLANG/WHAMPOA	\$590K
PASIR RIS	\$590K
CLEMENTI	\$590K
SERANGOON	\$590K
TAMPINES	\$590K
PUNGGOL	\$590K
TIONG BAHU	\$590K
SENGKANG	\$590K
ROCHOR	\$590K
TOA PAYOH	\$590K
CHOA CHU KANG	\$590K
HOUANG	\$590K
MARINE PARADE	\$590K
SEMBAWANG	\$590K
BUKIT PANJANG	\$590K
JURONG WEST	\$590K
WOODLANDS	\$590K
GEYLANG	\$590K
BUKIT BATOK	\$590K
MUSEUM	\$590K
JURONG EAST	\$590K
YISHUN	\$590K
BEDOK	\$590K
OUTRAM	\$590K
ANG MO KIO	\$590K
SINGAPORE RIVER	\$590K



4. SHEET 4: HDB RESALE FLAT MEDIAN PRICES PSF

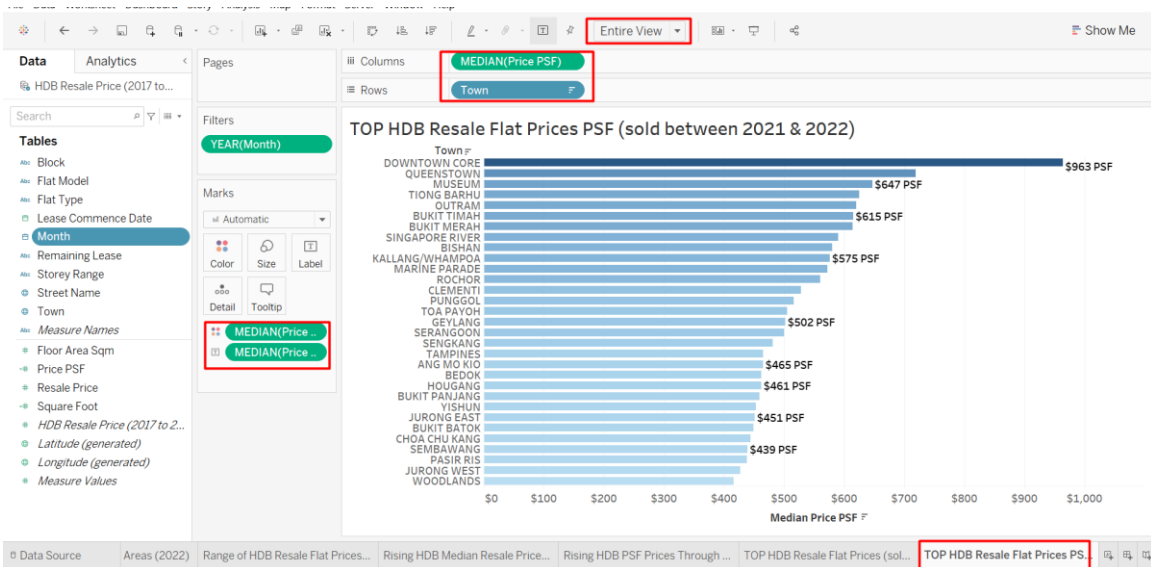
The screenshot shows a data visualization tool interface. On the left, a 'Tables' list includes 'Block', 'Flat Model', 'Flat Type', 'Lease Commence Date', 'Month', 'Remaining Lease', 'Storey Range', 'Street Name', 'Town', 'Measure Names', 'Floor Area Sqm', 'Price PSF', 'Resale Price', and 'Square Foot'. The 'Month' table is selected. A 'Filters' panel shows 'YEAR(Month)' selected. A 'Marks' panel shows 'MEDIAN(Price ...)', 'Town', 'MEDIAN(Price ...)', and 'Town'. A 'Filter [Year of Month]' dialog box is open, showing 'Range of dates' with '1/1/2021' and '11/1/2022' entered. The 'OK' button is highlighted.

The screenshot shows a data visualization tool interface displaying a map of HDB Resale Flat Prices PSF. The map is titled 'HDB Resale Flat Prices PSF (sold between 2021 & 2022)'. The map shows various HDB towns with their median resale prices per square foot (PSF). Three callouts are visible: 'Queenstown has the 2nd Highest HDB Median Resale Price PSF' with a median price of \$718; 'Woodlands has the Lowest HDB Median Resale Price PSF' with a median price of \$416; and 'Downtown Core has the Highest HDB Median Resale Price PSF' with a median price of \$963. The 'Data Source' is 'HDB Resale Flat Prices (so...'. The 'Columns' are 'Longitude (generated)' and 'Rows' are 'Latitude (generated)'. The 'Filters' panel shows 'YEAR(Month)' selected. The 'Marks' panel shows 'MEDIAN(Price ...)', 'Town', 'MEDIAN(Price ...)', and 'Town'.

5. SHEET 5: TOP HDB RESALE FLAT PRICES PSF

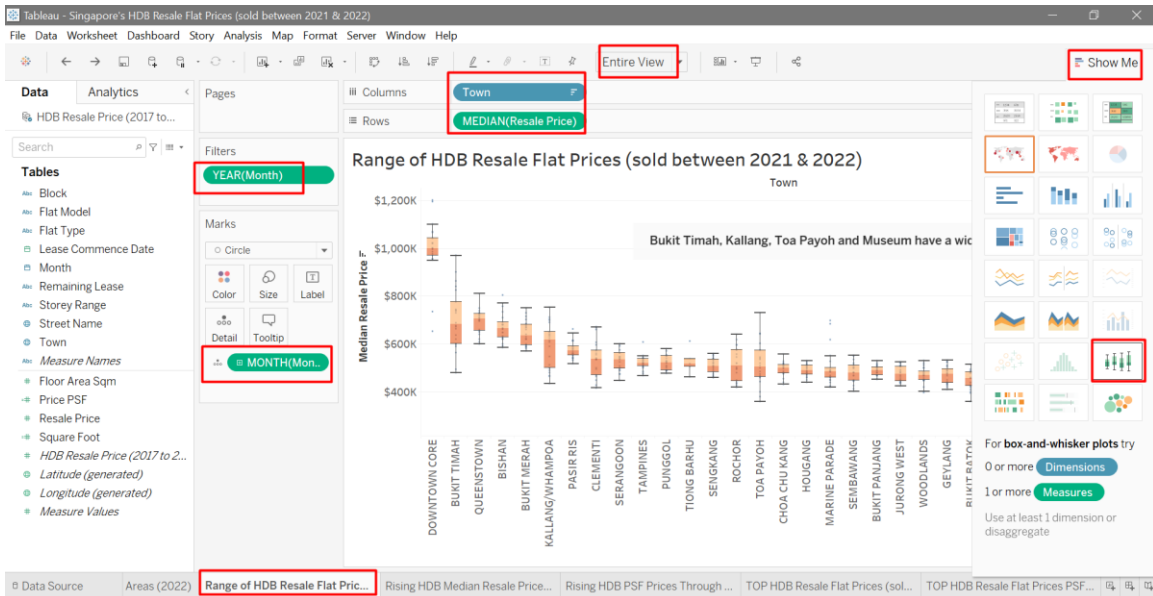
The screenshot shows the Tableau interface for a visualization titled "HDB Resale Flat Prices PSF (sold between 2021 & 2022)".

- Filters:** The "YEAR(Month)" filter is highlighted with a red box.
- Marks:** The "MEDIAN(Price PSF)" and "Town" marks are visible.
- Filter [Year of Month] dialog:**
  - The "Range of dates" tab is selected and highlighted with a red box.
  - The date range is set from "1/1/2021" to "11/1/2022", with both dates highlighted in red boxes.
  - The "OK" button is highlighted with a red box.

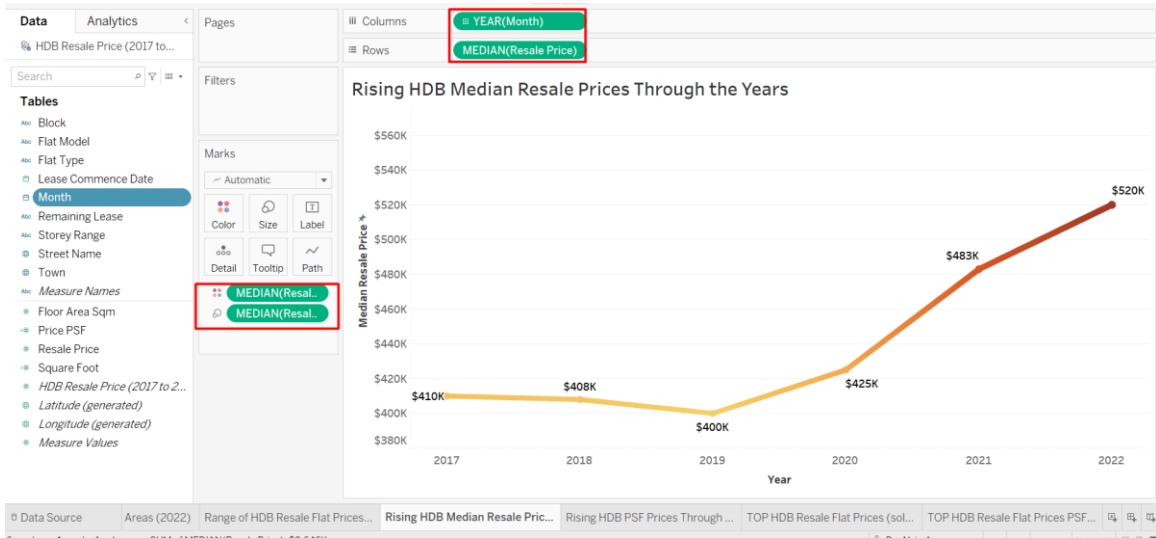


6. SHEET 6: RANGE OF HDB RESALE FLAT PRICES

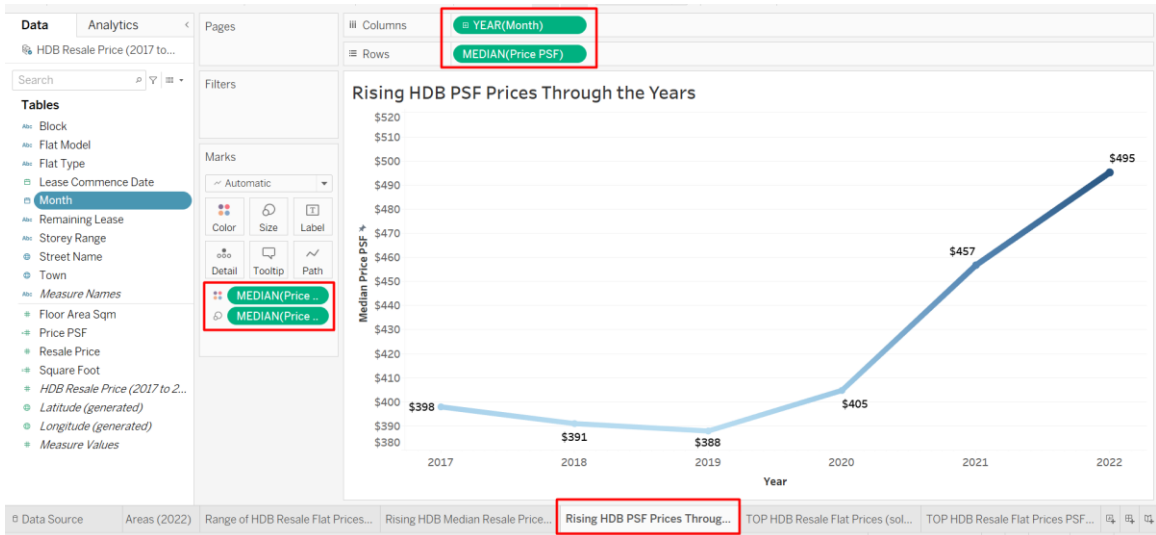
The screenshot shows the 'Filter [Year of Month]' dialog box in Tableau. The 'Range of dates' tab is active, and the date range is set from 1/1/2021 to 11/1/2022. The 'OK' button is highlighted with a red box. In the background, the 'Filters' shelf contains 'YEAR(Month)' and 'Month', both also highlighted with red boxes.



## 7. SHEET 7: RISING HDB PRICES THROUGH THE YEARS



## 8. SHEET 8: RISING HDB PSF PRICES THROUGH THE YEARS



## B. CHAPTER 2: WHERE DO YOU LIVE?

### 1. SHEET 1: HDB RESALE PRICE BY BLOCK AND FLOOR NUMBER

Town	Street Name	Block	Storey ..	Median Resale Price	Median Price PSF	
ANG MO KIO	ANG MO KIO AVE 1	205	01 TO 03	\$442K	\$419	
			04 TO 06	\$415K	\$397	
			07 TO 09	\$433K	\$413	
		207	10 TO 12	04 TO 06	\$420K	\$402
				07 TO 09	\$476K	\$456
				10 TO 12	\$426K	\$402
		208	01 TO 03	01 TO 03	\$343K	\$437
				04 TO 06	\$358K	\$451
				07 TO 09	\$440K	\$465
		215	04 TO 06	04 TO 06	\$335K	\$426
				07 TO 09	\$334K	\$425
				10 TO 12	\$334K	\$425
		216	04 TO 06	04 TO 06	\$276K	\$351
07 TO 09	\$333K			\$424		
10 TO 12	\$437K			\$538		
218	10 TO 12	01 TO 03	\$288K	\$399		
		04 TO 06	\$305K	\$423		
		07 TO 09	\$447K	\$451		
219	10 TO 12	01 TO 03	\$324K	\$449		
		04 TO 06	\$430K	\$434		
		07 TO 09	\$430K	\$434		

2. SHEET 2: WHAT IS YOUR FLAT TYPE?

The screenshot shows the Tableau interface for the 'HDB Resale Flat Prices PSF (sold between 2021 & 2022)' dataset. In the 'Filters' shelf, 'YEAR(Month)' is highlighted with a red box. A red arrow points from this box to the 'Month' field in the 'Tables' list. A dialog box titled 'Filter [Year of Month]' is open, with 'Range of dates' selected. The date range is set from '1/1/2021' to '11/1/2022', both dates highlighted with red boxes. The 'OK' button is also highlighted with a red box.

The screenshot shows the Tableau worksheet 'What is Your Flat Type? (2021 to 2022 Prices)'. The Columns shelf contains 'MEDIAN(Resale Price)', 'Town', 'Street Name', 'Block', 'Storey Range', 'Flat Type', and 'Flat Model'. The Rows shelf is empty. The Marks shelf is set to 'Automatic'. The view shows a horizontal bar chart of median resale prices for various flat types. The 'MEDIAN(Resale Price)' field is highlighted with a red box in the Columns shelf. The 'Month', 'MEDIAN(Resale Price)', and 'Street Name' fields are highlighted with red boxes in the Filters shelf. The 'MEDIAN(Resale Price)' and 'MEDIAN(Resale Price)' fields are highlighted with red boxes in the Marks shelf. The 'What is Your Flat Type? (2021 to 2022 Prices)' worksheet title is highlighted with a red box. The 'OK' button in the dialog box is highlighted with a red box.

Town	Street Name	Block	Storey ..	Flat Type	Flat Model	Median Resale Price
ANG MO KIO	ANG MO KIO AVE 1	205	01 TO 03 4 ROOM	New Generation		
		207	01 TO 03 4 ROOM	New Generation		
			04 TO 06 4 ROOM	New Generation		
			07 TO 09 4 ROOM	New Generation		
			10 TO 12 4 ROOM	New Generation		
		208	01 TO 03 3 ROOM	New Generation		
			04 TO 06 3 ROOM	New Generation		
		215	01 TO 03 4 ROOM	New Generation		
			04 TO 06 3 ROOM	New Generation		
			10 TO 12 3 ROOM	New Generation		
		216	04 TO 06 3 ROOM	New Generation		
			07 TO 09 3 ROOM	New Generation		
		218	10 TO 12 3 ROOM	New Generation		
			4 ROOM	New Generation		
		219	01 TO 03 3 ROOM	New Generation		
			04 TO 06 3 ROOM	New Generation		
			07 TO 09 4 ROOM	New Generation		
			10 TO 12 3 ROOM	New Generation		
			13 TO 15 4 ROOM	New Generation		
		220	01 TO 03 3 ROOM	New Generation		
			4 ROOM	New Generation		
			04 TO 06 3 ROOM	New Generation		
			07 TO 09 4 ROOM	New Generation		
		221	01 TO 03 5 ROOM	Improved		
			07 TO 09 5 ROOM	Improved		

### 3. SHEET 3: YEAR OF LEASE COMMENCEMENT BY HDB BLOCK

Tableau - Singapore's HDB Resale Flat Prices (sold between 2021 & 2022)

File Data Worksheet Dashboard Story Analysis Map Format Server Window Help

Standard

Show Me

Data Analytics

HDB Resale Price (2017 to...

Search

Filters

Street Name

Tables

- Block
- Flat Model
- Flat Type
- Lease Commence Date
- Month
- Remaining Lease
- Storey Range
- Street Name
- Town
- Measure Names
- Floor Area Sqm
- Price PSF
- Resale Price
- Square Foot
- HDB Resale Price (2017 to 2...
- Latitude (generated)
- Longitude (generated)
- Measure Values

Marks

Automatic

Color Size Label

Detail Tooltip

YEAR(Lease Comm...)

Year of Lease Commencement by HDB Block

Town	Street Name	Block	Storey ..	Remain..	Year of Lease Commencement
ANG MO KIO	ANG MO KIO AVE	205	01 TO 03	53 year..	1977
	1			54 year..	1977
			07 TO 09	57 year..	1977
			10 TO 12	56 year..	1977
		207	01 TO 03	53 year..	1976
				58 years	1976
			04 TO 06	53 year..	1976
				53 year..	1976
				55 year..	1976
				55 year..	1976
				56 year..	1976
				57 year..	1976
				57 year..	1976
				58 year..	1976

Street Name

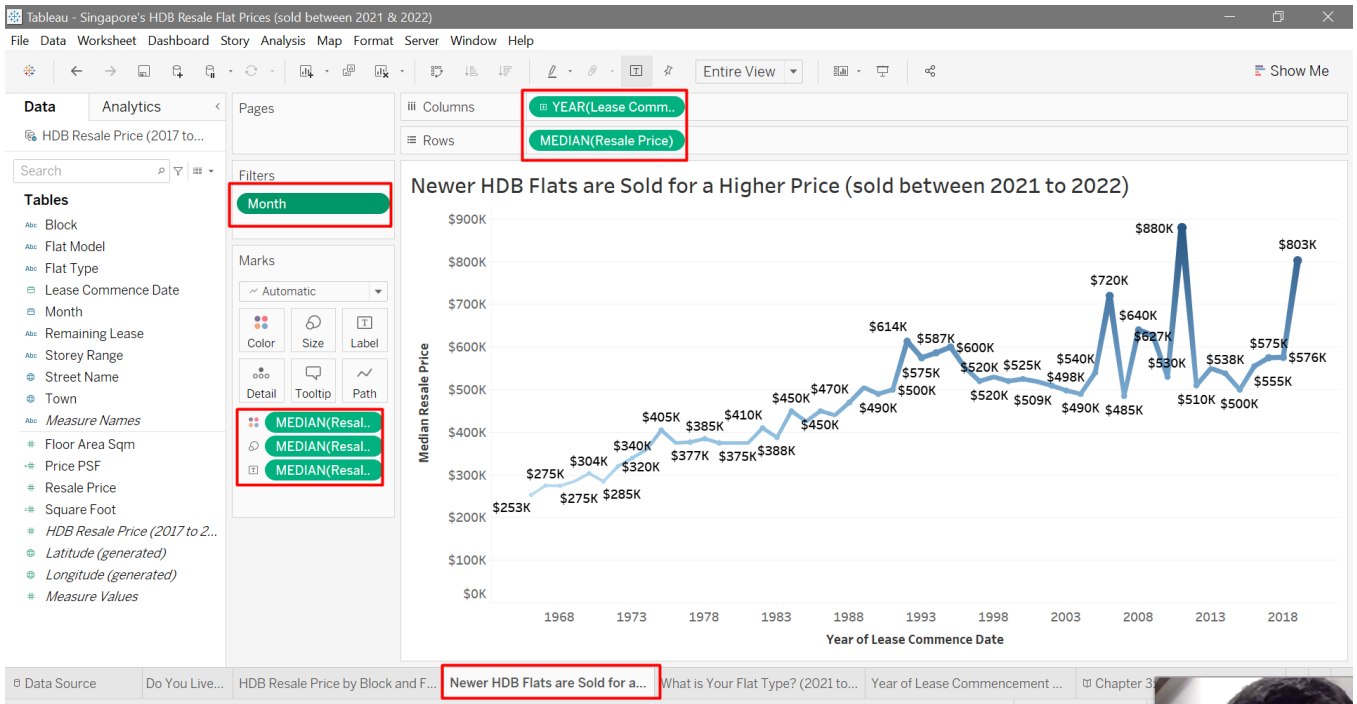
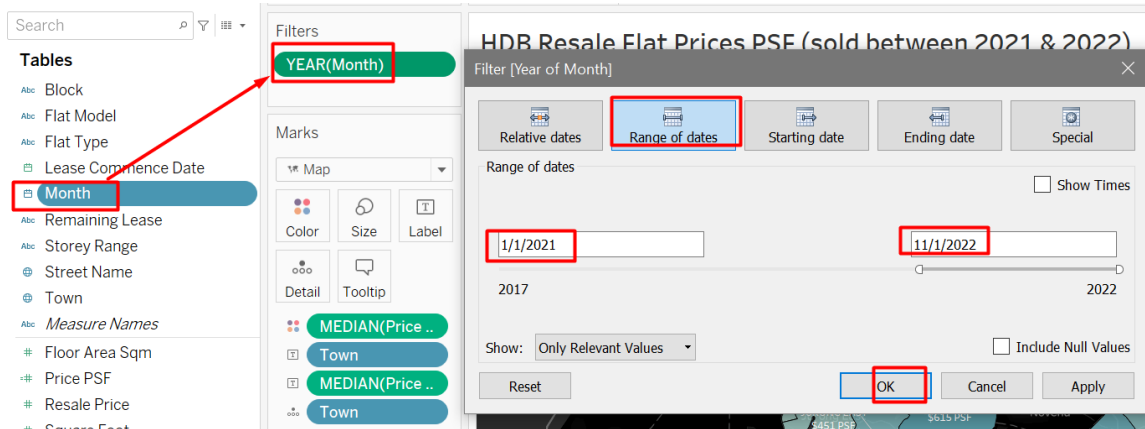
- (All)
- ADMIRALTY DR
- ADMIRALTY LINK
- AH HOOD RD
- ALJUNIED AVE 2
- ALJUNIED CRES
- ALJUNIED RD
- ANCHORVALE CR...
- ANCHORVALE DR
- ANCHORVALE LA...
- ANCHORVALE LINK
- ANCHORVALE RD
- ANCHORVALE ST
- ANG MO KIO AVE 1
- ANG MO KIO AVE 2
- ANG MO KIO AVE 3
- ANG MO KIO AVE 4
- ANG MO KIO AVE 5
- ANG MO KIO AVE 6
- ANG MO KIO AVE 8
- ANG MO KIO AVE 9
- ANG MO KIO AVE ...
- ANG MO KIO ST 11
- ANG MO KIO ST 21
- ANG MO KIO ST 31

1973 1983 1993 2003 2013 2023

Year of Lease Commence Date

Data Source Do You Live... HDB Resale Price by Block and F... Newer HDB Flats are Sold for a ... What is Your Flat Type? (2021 to... Year of Lease Commencement... Chapter 3

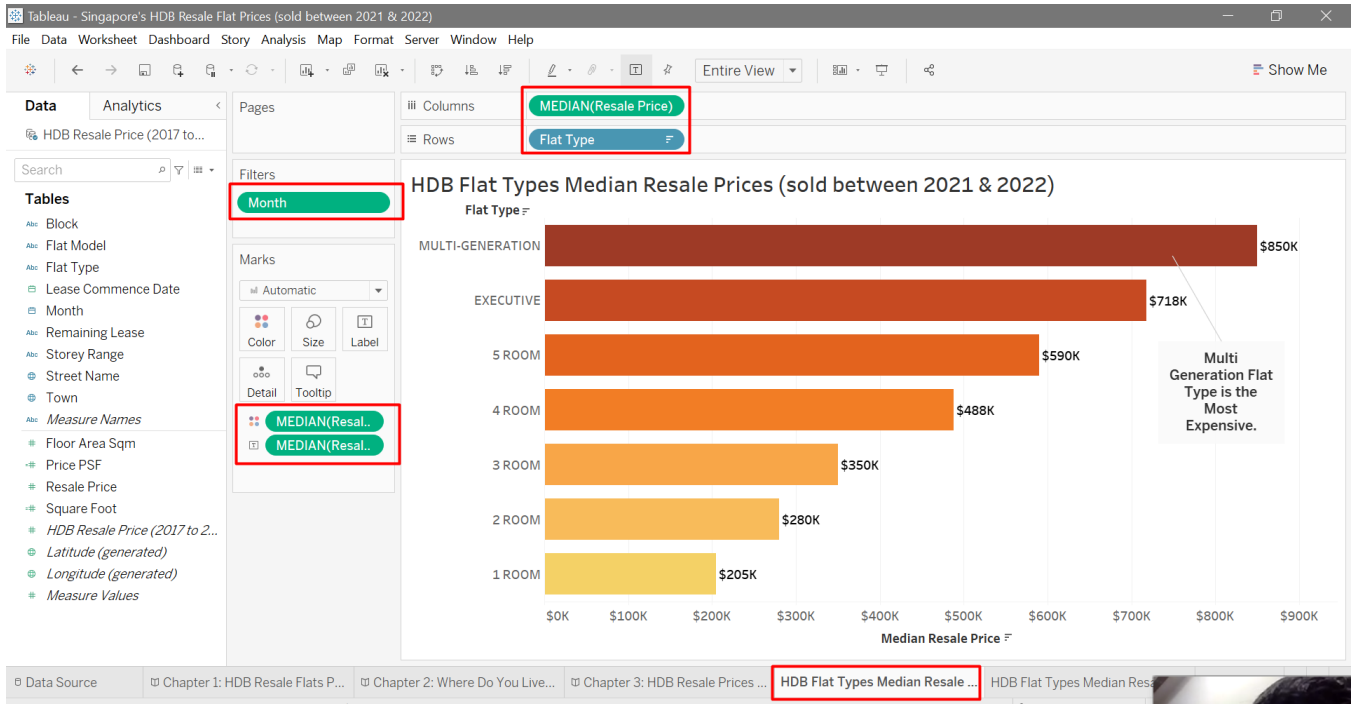
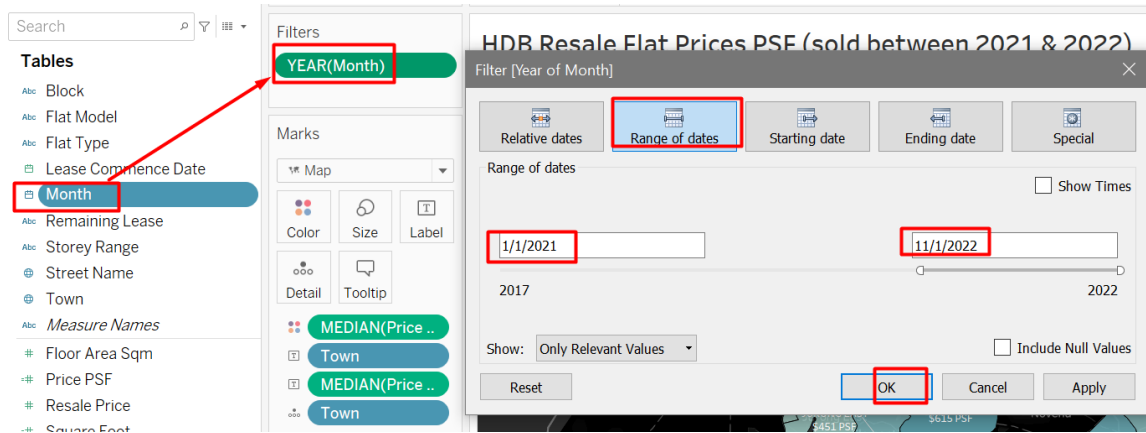
4. SHEET 4: NEWER HDB FLATS ARE SOLD FOR A HIGHER PRICE



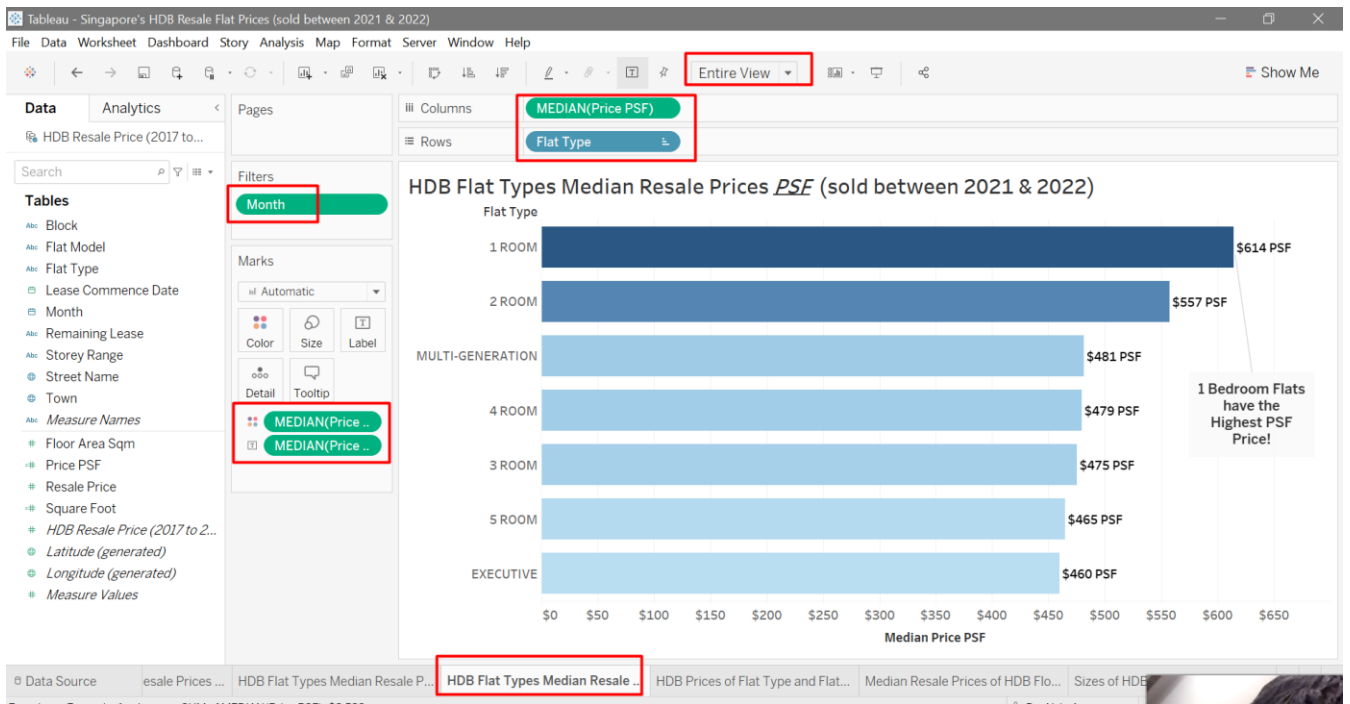
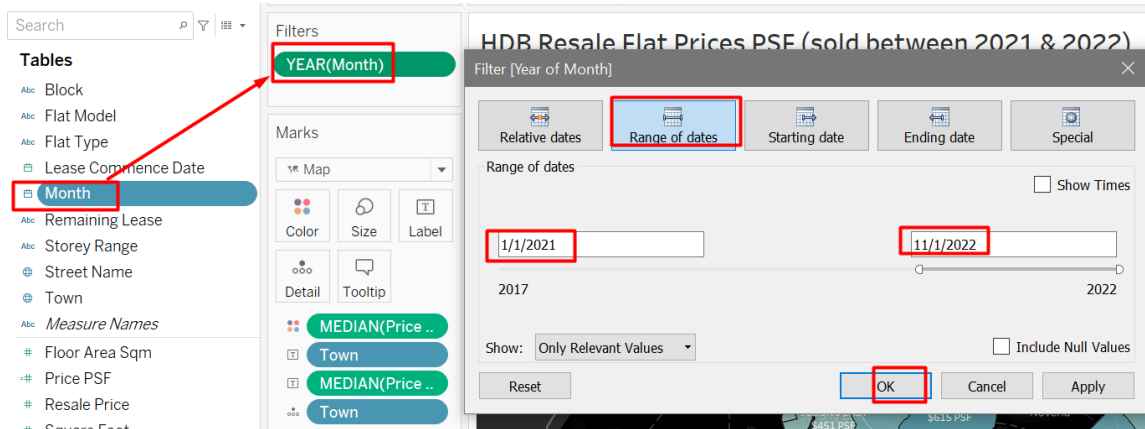


### C. CHAPTER 3: HDB RESALE PRICES BY FLAT TYPE

#### 1. SHEET 1: HDB FLAT TYPES MEDIAN RESALE PRICES



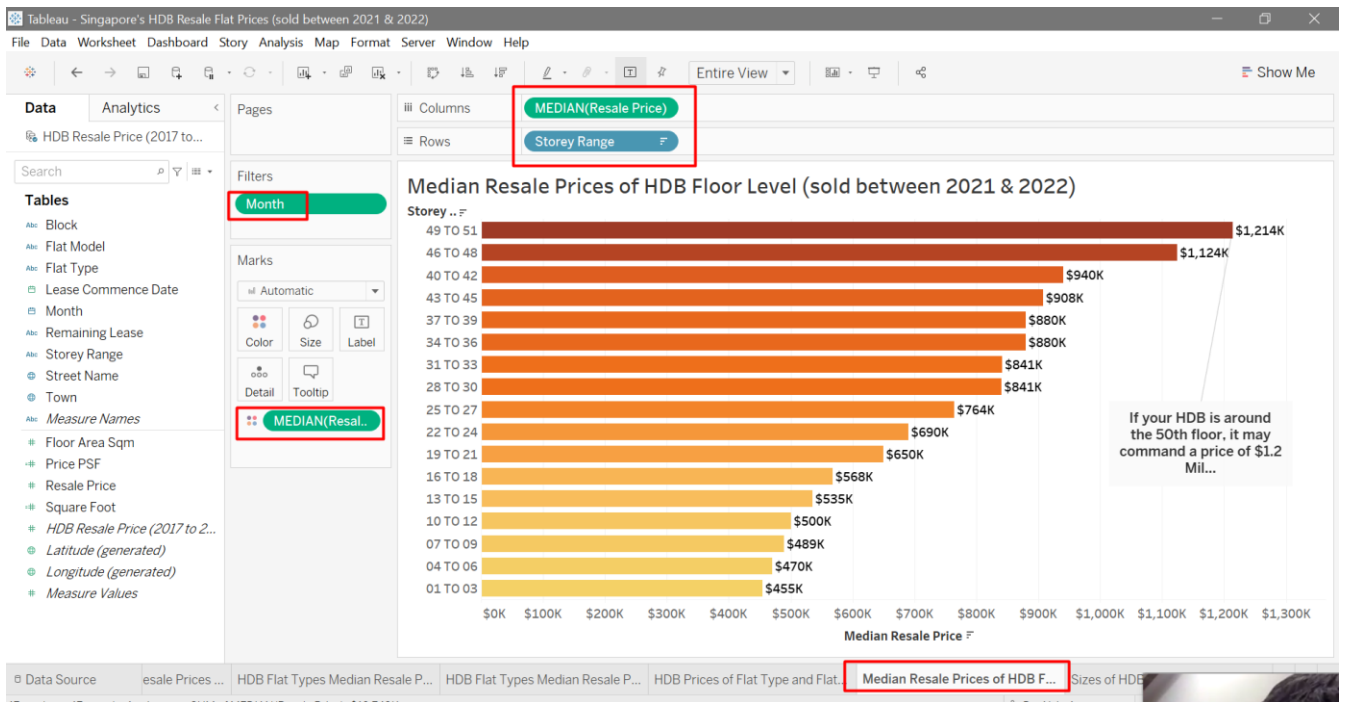
2. SHEET 2: HDB FLAT TYPES MEDIAN RESALE PRICES PSF



### 3. SHEET 3: MEDIAN RESALE PRICES BY HDB FLOOR LEVEL

The screenshot shows the Tableau interface for a worksheet titled "HDB Resale Flat Prices PSF (sold between 2021 & 2022)".

- Filters:** The "YEAR(Month)" filter is highlighted with a red box.
- Month:** The "Month" dimension is highlighted with a blue box.
- Filter [Year of Month]:** A dialog box is open, showing the "Range of dates" tab. The start date "1/1/2021" and end date "11/1/2022" are both highlighted with red boxes. The "OK" button is also highlighted with a red box.



4. SHEET 4: HDB PRICES OF FLAT TYPE AND FLAT MODEL

The screenshot shows the Tableau interface with the following elements highlighted:

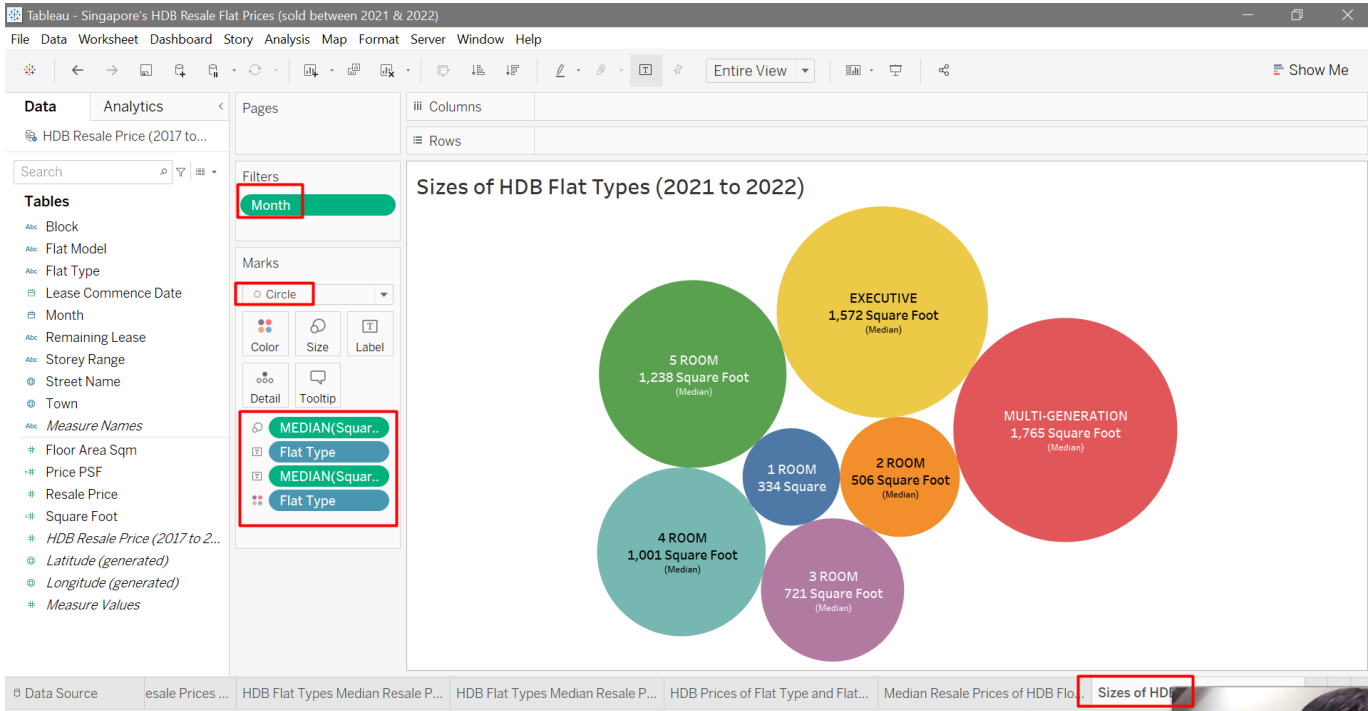
- Filters:** The 'YEAR(Month)' filter is highlighted with a red box.
- Tables:** The 'Month' table is highlighted with a blue box.
- Filter Dialog:** A dialog box titled 'Filter [Year of Month]' is open, showing the 'Range of dates' tab. The date range '1/1/2021' to '11/1/2022' is entered and highlighted with red boxes. The 'OK' button is also highlighted with a red box.

The screenshot shows the final Tableau dashboard with the following elements highlighted:

- Columns:** 'MEDIAN(Resale Price)' and 'MEDIAN(Price PSF)' are highlighted with a red box.
- Rows:** 'Flat Type' and 'Flat Model' are highlighted with a red box.
- Filters:** 'Flat Type' and 'Month' are highlighted with a red box.
- Marks:** 'MEDIAN(Price ...)' is highlighted with a red box.
- Table:** The main visualization is a table titled 'HDB Prices of Flat Type and Flat Model (sold between 2021 & 2022)'. The table has columns for Flat Type, Flat Model, Median Resale Price, and Median Price PSF. The table is filtered by Flat Type and Month.
- Tablet View:** A tablet view of the table is shown on the right side of the dashboard.

Flat Type	Flat Model	Median Resale Price	Median Price PSF
MULTI-GENERATION	Multi Generation	\$850K	\$481
EXECUTIVE	Adjoined flat	\$880K	\$505
	Premium Maisonette	\$864K	\$520
	Maisonette	\$760K	\$480
	Apartment	\$700K	\$451
	Premium Apartment	\$629K	\$435
5 ROOM	Premium Apartment Loft	\$1,147K	\$821
	Type S2	\$1,130K	\$991
	DBSS	\$848K	\$724
	Model A-Maisonette	\$799K	\$523
	3Gen	\$730K	\$565
	Improved-Maisonette	\$700K	\$488
	Adjoined flat	\$690K	\$476

## 5. SHEET 5: SIZES OF HDB FLAT TYPES



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## VI. SINGAPORE'S MASTER PLAN (2017 PLANNING ZONES)

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<https://public.tableau.com/app/profile/dr.alvin.ang/viz/SingaporesMasterPlan2017PlanningZones/Chapter1SingaporesMasterPlan2017PlanningRegions>

<https://www.alvinang.sg/s/planning-area-census2010-2.zip>

<https://www.alvinang.sg/s/subzone-census-2010.zip>

### References:

<https://data.gov.sg/dataset/planning-area-census2010>

<https://data.gov.sg/dataset/subzone-census-2010>

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## ABOUT DR ALVIN ANG

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Dr. Alvin Ang earned his Ph.D., Masters and Bachelor degrees from NTU, Singapore. He was a previously a Professor, Scientist and Financial Consultant. Currently, he owns multiple self-started businesses and is a Personal/Business Advisor.

More about him at [www.AlvinAng.sg](http://www.AlvinAng.sg)