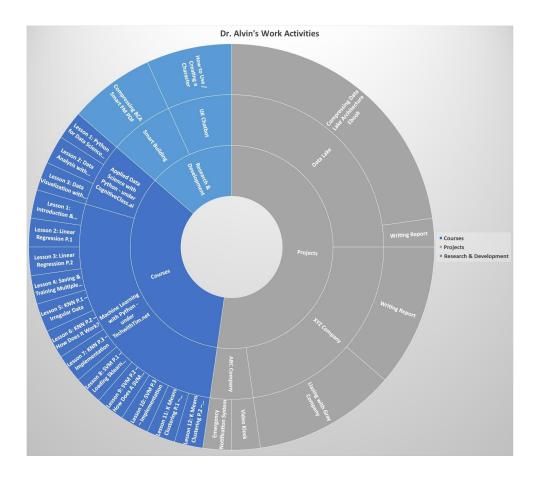
DR. ALVIN'S PUBLICATIONS

CREATING A SUNBURST CHART IN EXCEL FOR VISUALIZING WORK ACTIVITIES

DR. ALVIN ANG



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STEP 1: CREATE DATA

Area	Sub-Area	Торіс	Proportion of Time
Courses	Machine Learning with Python - under TechwithTim.net	Lesson 1: Introduction & Setup	1
		Lesson 2: Linear Regression P.1	1
		Lesson 3: Linear Regression P.2	1
		Lesson 4: Saving & Training Multiple Models	1
		Lesson 5: KNN P.1 – Irregular Data	1
		Lesson 6: KNN P.2 – How Does it Work?	1
		Lesson 7: KNN P.3 – Implementation	1
		Lesson 8: SVM P.1 – Loading Sklearn Datasets	1
		Lesson 9: SVM P.2 – How Does A SVM Work?	1
		Lesson 10: SVM P.3 – Implementation	1
		Lesson 11: K Means Clustering P.1 – How it Works	1
		Lesson 12: K Means Clustering P.2 – Implementing K Means	1
	Applied Data Science with Python - under CognitiveClass.ai	Lesson 1: Python for Data Science (completed)	1
		Lesson 2: Data Analysis with Python	1
		Lesson 3: Data Visualization with Python	1
Projects	Data Lake	Compressing Data Lake Architecture Ebook	10
		Writing Report	1
	ABC Company	Emergency Notification System	1
		Video Kiosk	1
	XYZ Company	Liasing with Gray Company	5
		Writing Report	5
Research & Development	IJK Chatbot	How to Use / Creating a Character	3
	Smart Building	Compressing BCA Smart FM PDF	3

Table 1: Work Activities Table

- Table 1 shows a typical Work Activity Table with three layers
 - Layer 1 Key Area of Job Scope
 - Courses / Projects / Research & Development
 - Layer 2 Sub Area
 - Layer 3 Tasks / Activities.
- We could represent Table 1 into Figure 1.

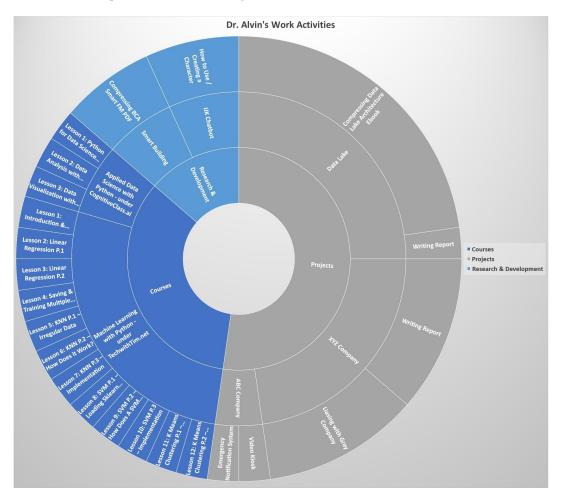


Figure 1: Sunburst Chart Showing Work Activities

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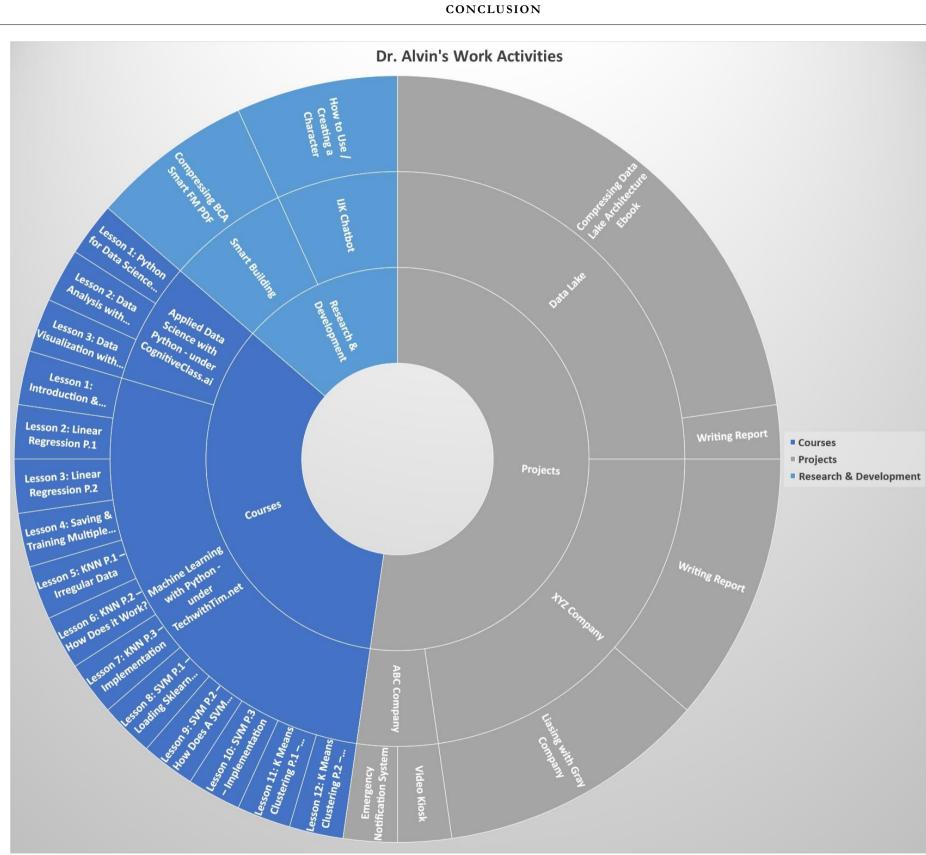
STEP 2: CREATE SUNBURST CHART

- Go to <u>https://www.alvinang.sg/publications-1</u>
- Scroll down to locate <u>Sunburst Chart Showing Work Activities.xls</u>
- Open the Excel file.

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	B Sub-Area Machine Learning with Python - under	fx Area	Proportion of Time (E F G	3 H I	J K L M	Sunburst	10
2 3 4 5 6 7 7 8	TechwithTim.net	Lesson 2: Linear Regression P1 Lesson 3: Linear Regression P2 Lesson 4: Saving & Training Multij Models Lesson 5: KNN P1 - Irregular Dat. Lesson 6: KNN P2 - How Does it Lesson 6: KNN P3 - Loading	1 a 1	Sele	ct This	e g	More Hierarchy How to Use / Character	Charts
3		Sklearn Datasets Lesson 9: SVM P.2 - How Does / SVM Vork? Lesson 10: SVM P.3 - Lesson 11: K Means Clustering P. How it Vorks Lesson 12: K Means Clustering P. Implementing K Means	1 1 - 1		ter Data Science	Commence in the second se	lik Chatbot	
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Figure 2: Creating a Sunburst Chart

- Note that for Proportion of Time:
 - o Could be represented in Percentage
 - $\circ~$ Or Toggle the values to represent amount of 'focus' spent on the task. (Could be 1/3/5/10).



Dr. Alvin Ang earned his Ph.D., Masters and Bachelor degrees from NTU, Singapore. He is a scientist, entrepreneur, as well as a personal/business advisor. More about him at <u>www.AlvinAng.sg</u>.

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