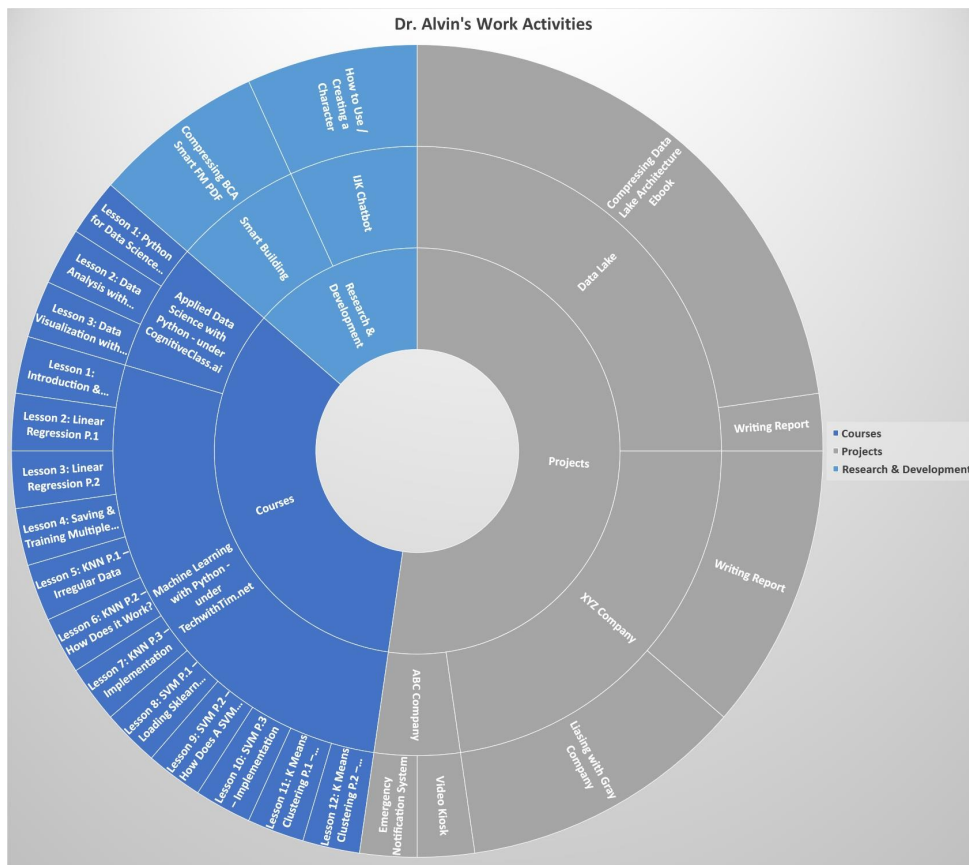# CREATING A SUNBURST CHART IN EXCEL FOR VISUALIZING WORK ACTIVITIES

DR. ALVIN ANG

CONTENTS

STEP 1: CREATE DATA

Table 1: Work Activities Table

Area	Sub-Area	Topic	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 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.

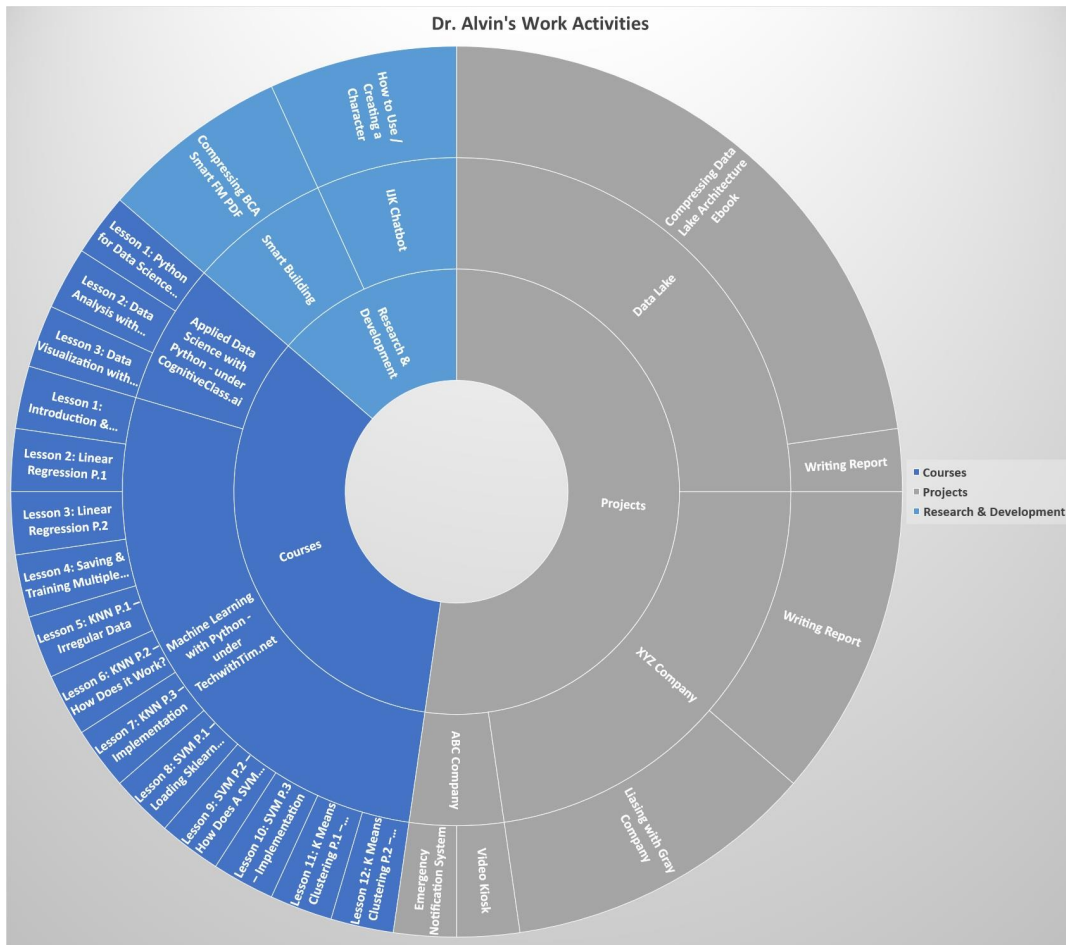- We could represent Table 1 into Figure 1.

Figure 1: Sunburst Chart Showing Work Activities

STEP 2: CREATE SUNBURST CHART

- Go to https://www.alvinang.sg/publications-1

- Scroll down to locate Sunburst Chart Showing Work Activities.xls
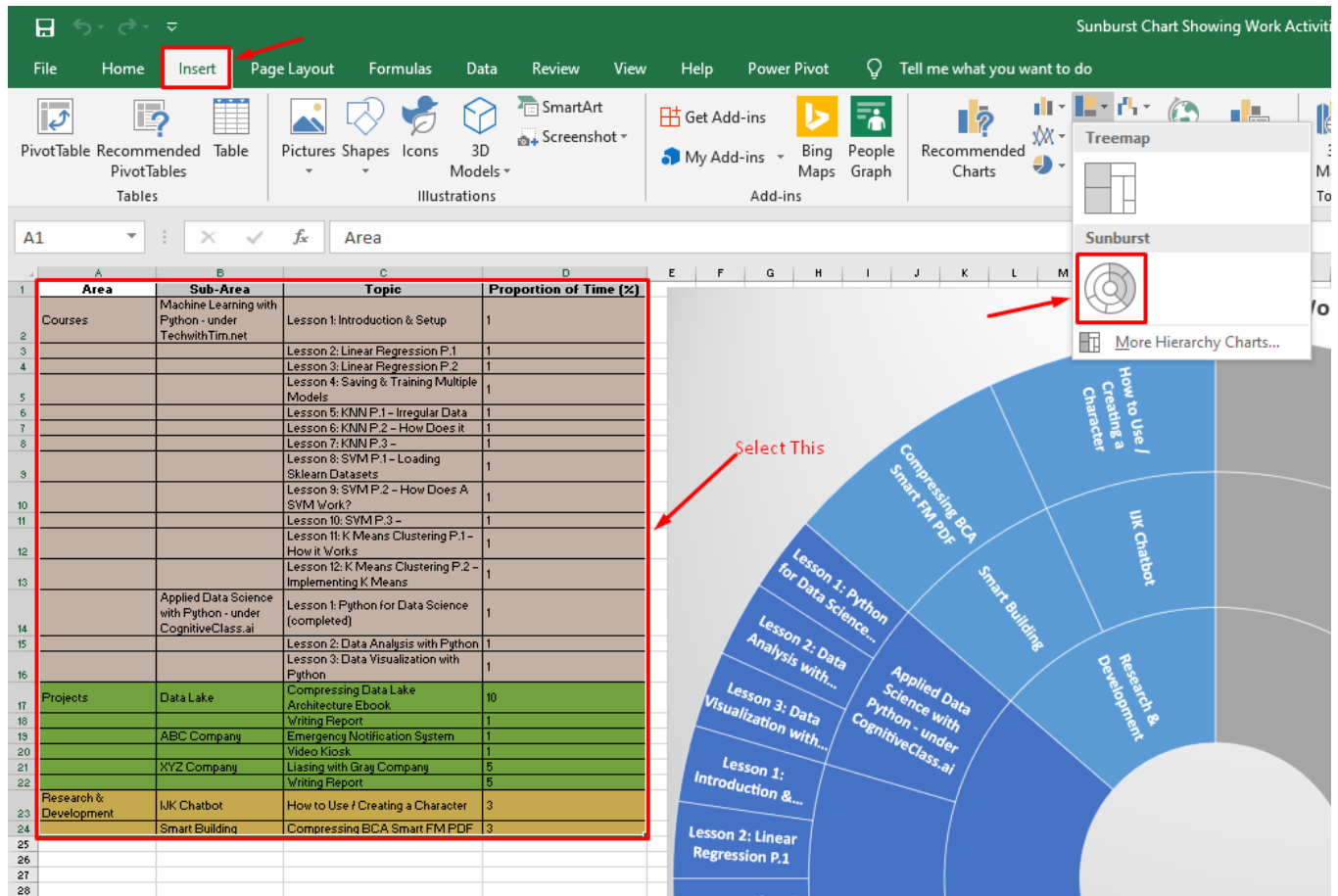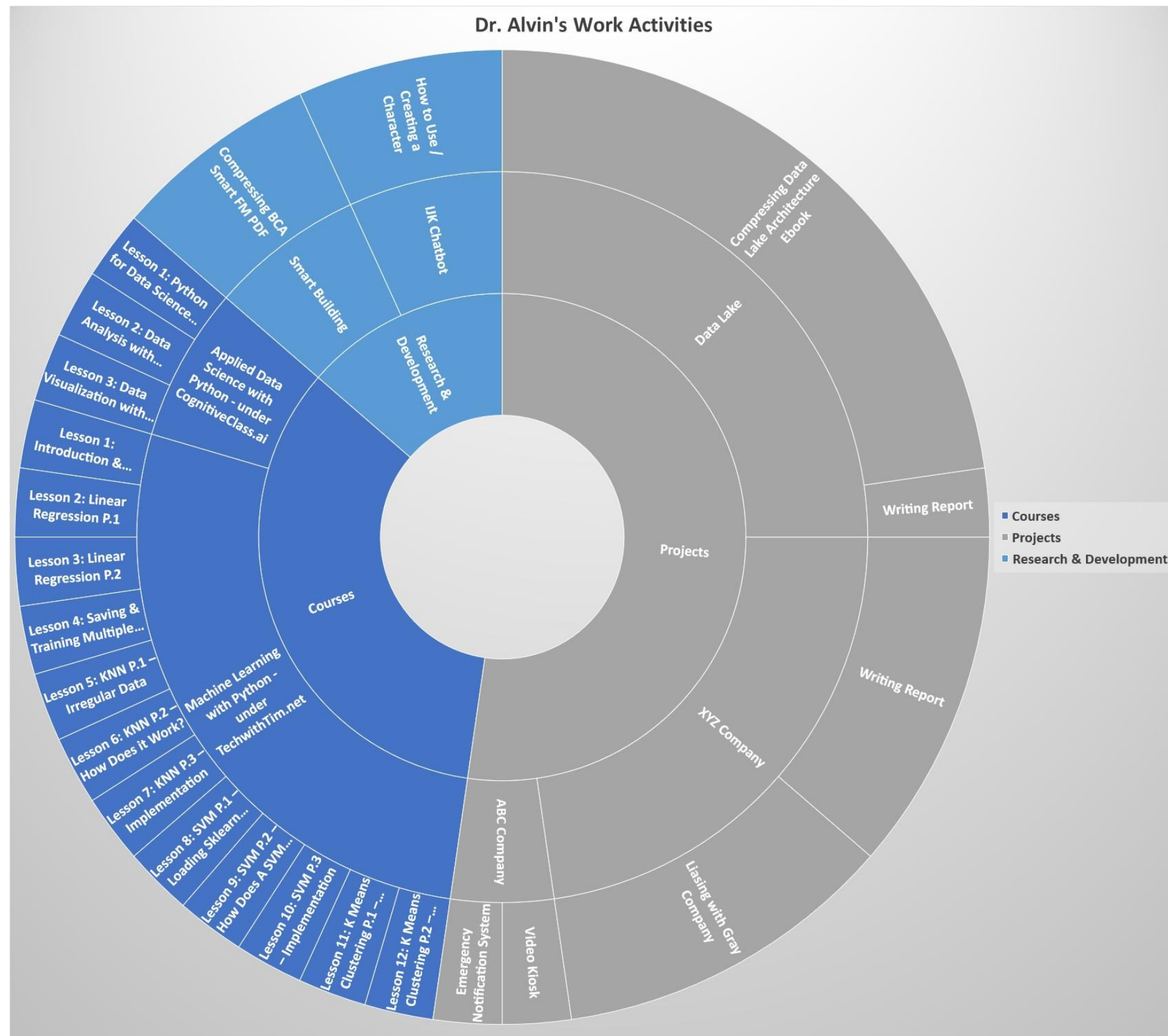
- Open the Excel file.

Figure 2: Creating a Sunburst Chart

- Note that for Proportion of Time:

  o Could be represented in Percentage

  o Or Toggle the values to represent amount of 'focus' spent on the task. (Could be 1/3/5/10).

Dr. Alvin's Work Activities

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 www.AlvinAng.sg.