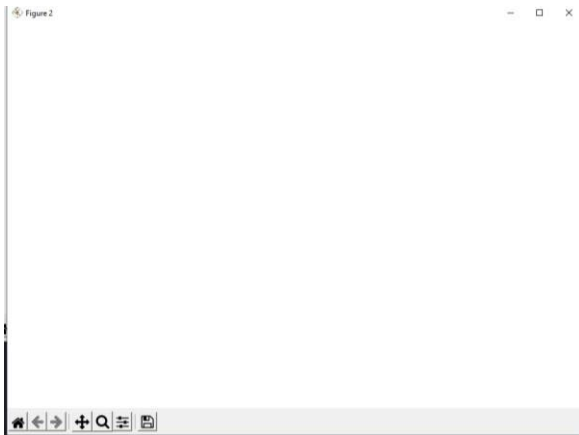# WCC Python   Data Visualization Lab (chapters 15 - 17)

1) Write a short program which confirms that your computer has the following 4 python packages installed: matplotlib, pandas, plotly & requests.
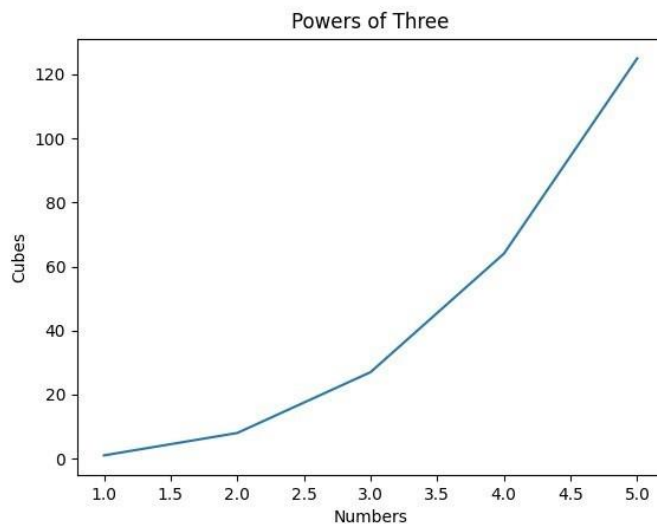
Output Example
The packages are installed

2) Create and show an empty figure 9" by 6"

3) Create a chart with a title and axis labels which shows the cube values of the integers 1 through 5 (ref: example 4_matplotlib_data)

4) An article is being published about the popularity of the musical group, the Beatles.
The following data has been collected using phone surveys:
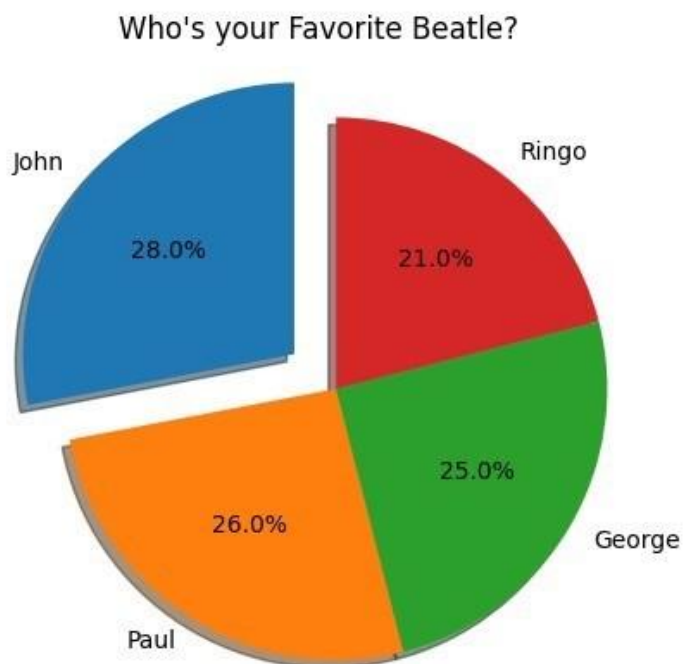People were asked to name their favorite Beatle. The results were:
John 28%
Paul 26%
George 25%
Ringo 21%
You are asked to produce a pie chart to present that data. Give your chart a title and visually highlight the winner of the contest.
(Reference: Plotly or Matplotlib Piechart examples)

Who's your Favorite Beatle?

5) Using matplotlib, create a horizontal bar chart of the even numbers 2 through 10 and their squares. Label as shown (Reference matplotlib examples 6 & 5. Modify for a single axes display.)

Output Example