

Internship Task 5

1. Write a Python code to Create a figure with 2x2 subplots.
2. In the first subplot (top-left), plot a bar chart using the following data:

Categories: ['Category A', 'Category B', 'Category C', 'Category D', 'Category E']

Values: [23, 56, 41, 62, 19]
3. In the second subplot (top-right), plot a histogram using the following data:

Data: [12, 17, 21, 18, 14, 13, 16, 9, 12, 15, 19, 11, 14, 16, 20, 18, 15, 13, 16, 11, 10]
4. In the third subplot (bottom-left), plot a pie chart using the following data:

Labels: ['Apple', 'Banana', 'Orange', 'Mango']

Sizes: [30, 25, 15, 30]
5. In the fourth subplot (bottom-right), plot a scatter plot using the following data:

X values: [1, 2, 3, 4, 5]

Y values: [2, 5, 3, 6, 4]
6. Add appropriate titles and labels to each subplot.
7. Adjust the spacing between subplots to avoid overlapping.

Reference –

<https://matplotlib.org/stable/tutorials/introductory/pyplot.html>

Deadline of Task Submission – 23 –5-23 till 5PM