**Matplotlib Assignment**

For this assignment, download the dataset using following link, and solve following questions:

<https://pynative.com/wp-content/uploads/2019/01/company_sales_data.csv>

**Q.1 Read Total profit of all months and show it using a line plot.**

Total profit data provided for each month. Generated line plot must include the following properties:

X label name = Month Number

Y label name = Total profit

**Q.2 Get total profit of all months and show line plot with the following Style properties.**

Generated line plot must include following Style properties: –

* Line Style dotted and Line-color should be red
* Show legend at the lower right location.
* X label name = Month Number
* Y label name = Sold units number
* Add a circle marker.
* Line marker color as read
* Line width should be 3

**Q.3 Read all product sales data and show it using a multiline plot.**

Display the number of units sold per month for each product using multiline plots. (i.e., Separate Plotline for each product)

### Q.4 Read toothpaste sales data of each month and show it using a scatter plot

### Q.5 Read face cream and facewash product sales data and show it using the bar chart.

### The bar chart should display the number of units sold per month for each product. Add a separate bar for each product in the same chart.

### Q.6 Read sales data of bathing soap of all months and show it using a bar chart.

### Q.7 Read the total profit of each month and show it using the histogram to see the most common profit ranges.

### Q.8 Calculate the total sale data for last year for each product and show it using a Pie chart.

### Q.9 Read bathing soap facewash of all months and display it using the subplot.

### Q.10 Read all product sales data and show it using the stack plot.