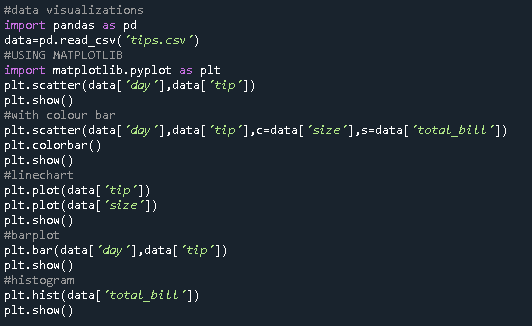
**TASK 10: PERFORM DATA VISUALIZATION USING DIFFERENT LIBRARIES**

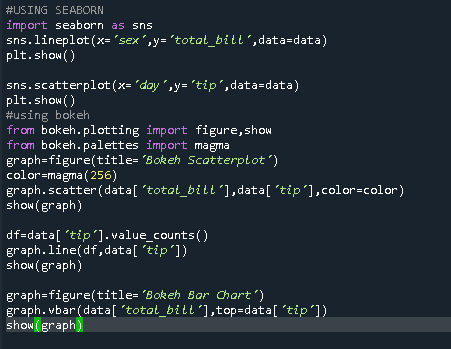
**AIM:**Performing Data Visualization using different libraries

**Dataset Description:**

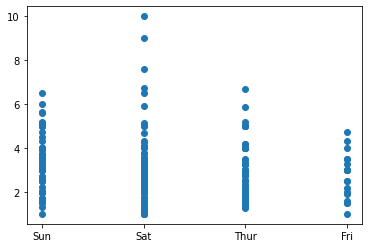
* The tips dataset is used for performing data visualizations/
* It is a dataset of dimensions 244 rows x 7 columns and has no missing values.

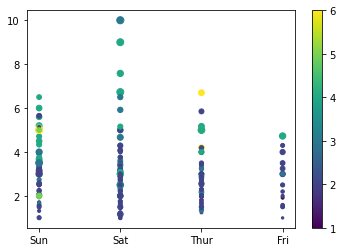
**Source Code:**

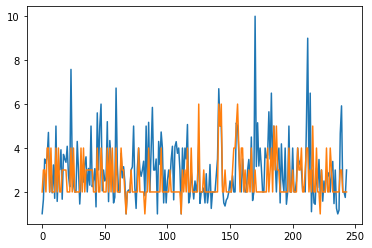
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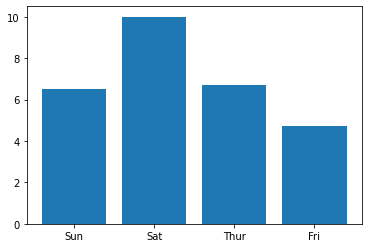
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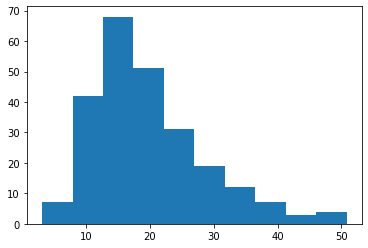
**Outputs:**

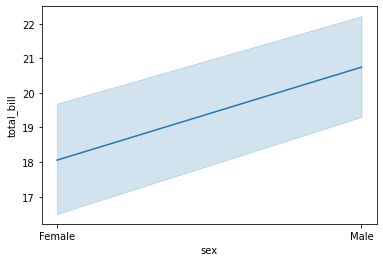


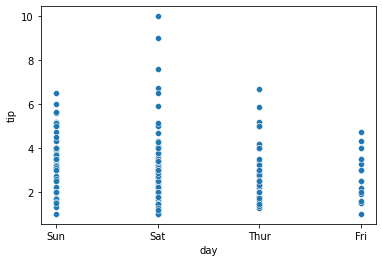


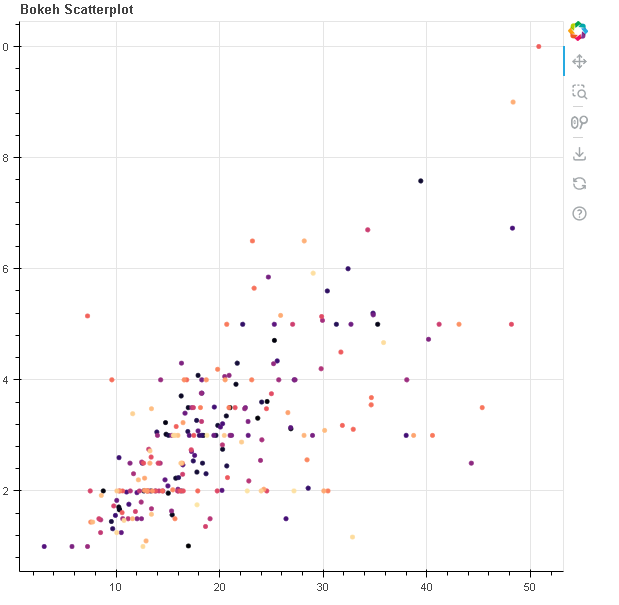


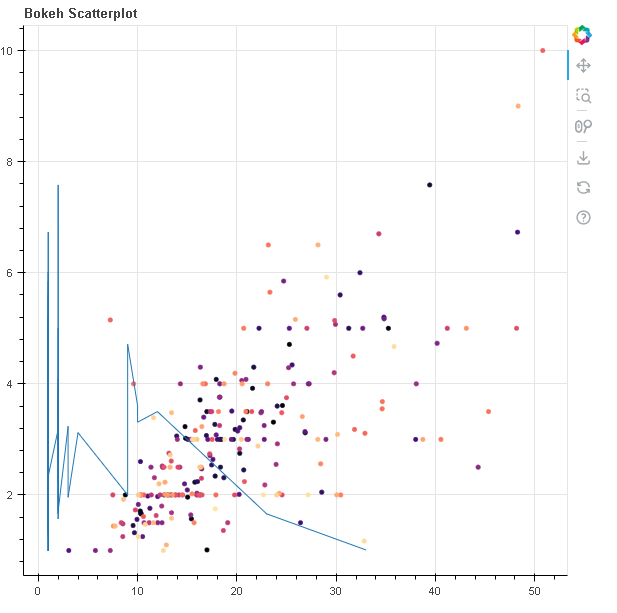


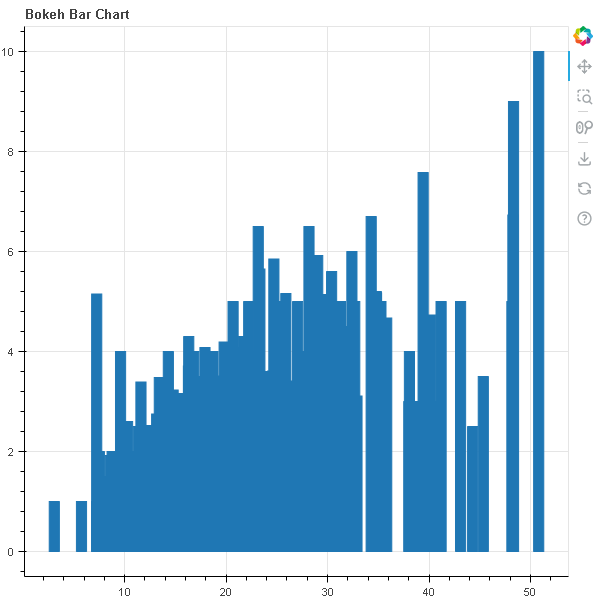






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**Observations:**

* Matplotlib is a powerful library where we can construct many plots.However, matplotlib is having many parameters to pass.
* Seaborn is another powerful library for visualization which can construct many plots and is easier to use
* Bokeh is a great data visualization library which can create some advanced visualizations and can generate the visualizations in web format.

**Conclusion:**

The type of library is to be chosen as per the requirement and as per the plot.