

```
import plotly.express as px
import seaborn as sns
```

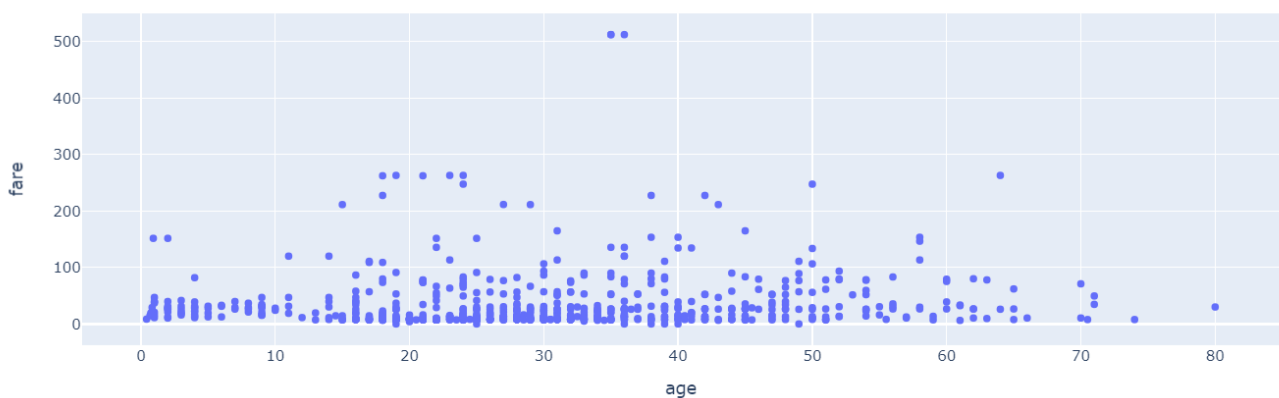
Q1. Load the "titanic" dataset using the load_dataset function of seaborn. Use Plotly express to plot a scatter plot for age and fare columns in the titanic dataset.

```
fig=px.scatter(titanic,x='age',y='fare',title='titanic scatter plot Q1')
fig.show()
```

[30]

Python

titanic scatter plot Q1



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Python

Q2. Using the tips dataset in the Plotly library, plot a box plot using Plotly express.

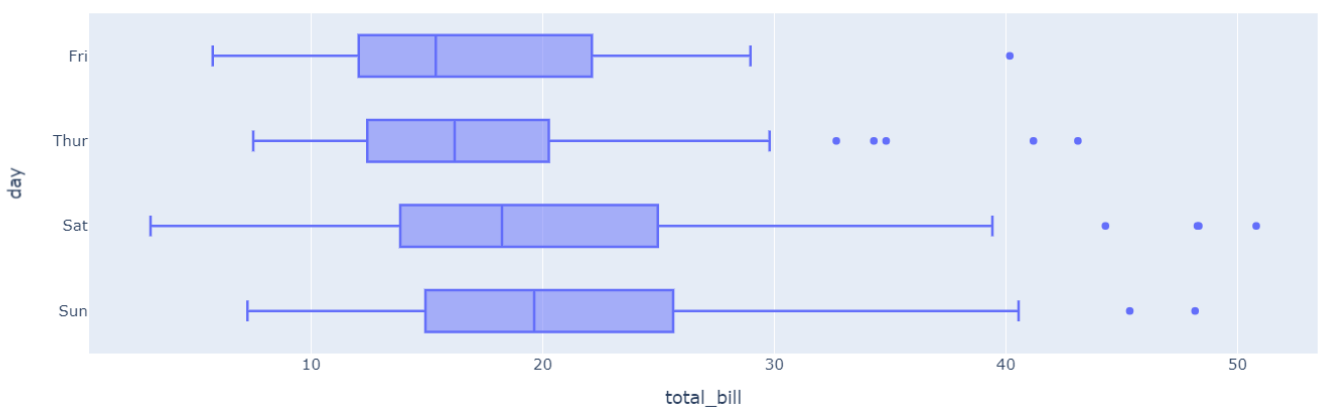
```
tips=px.data.tips()
```

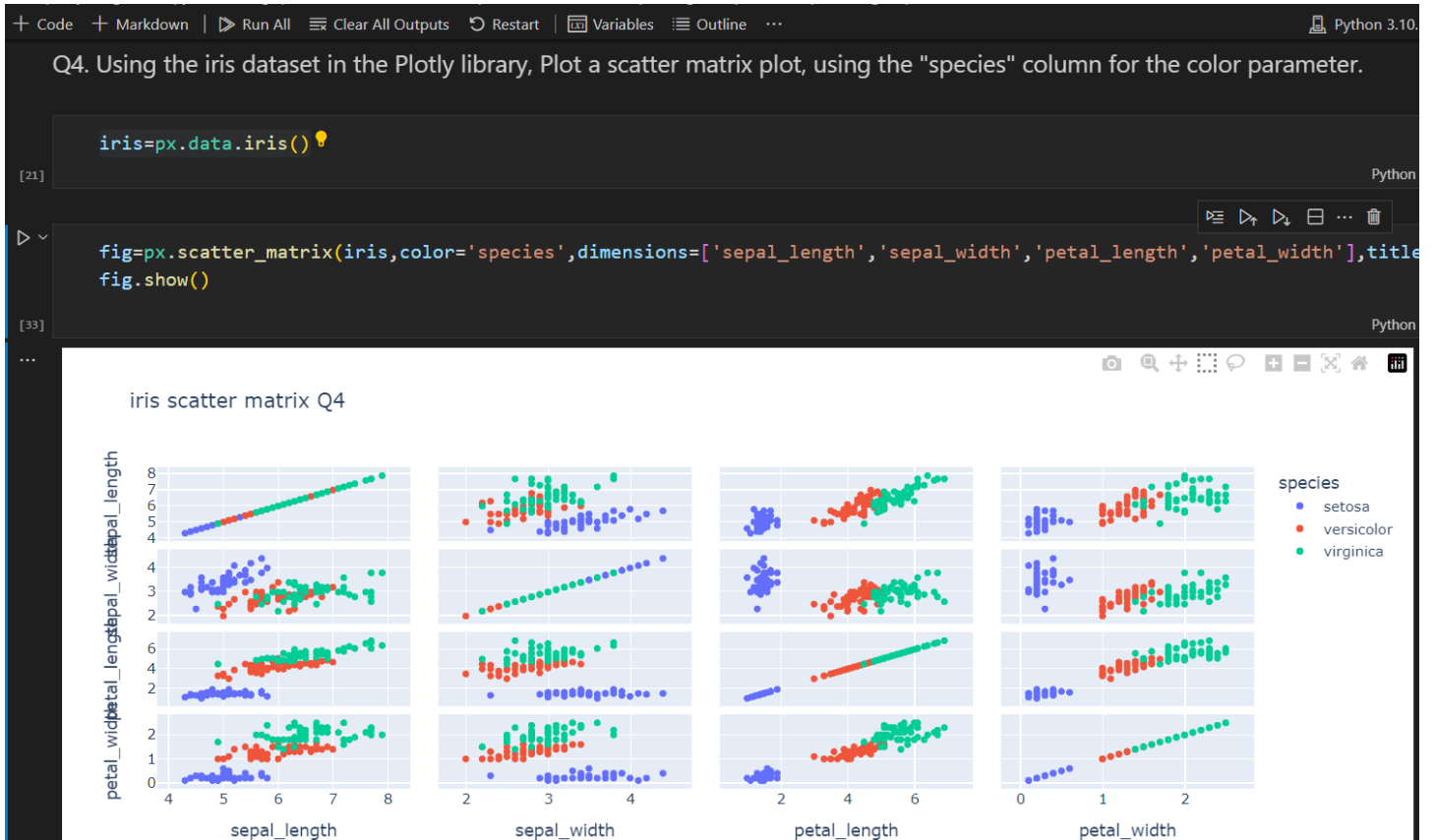
[24]

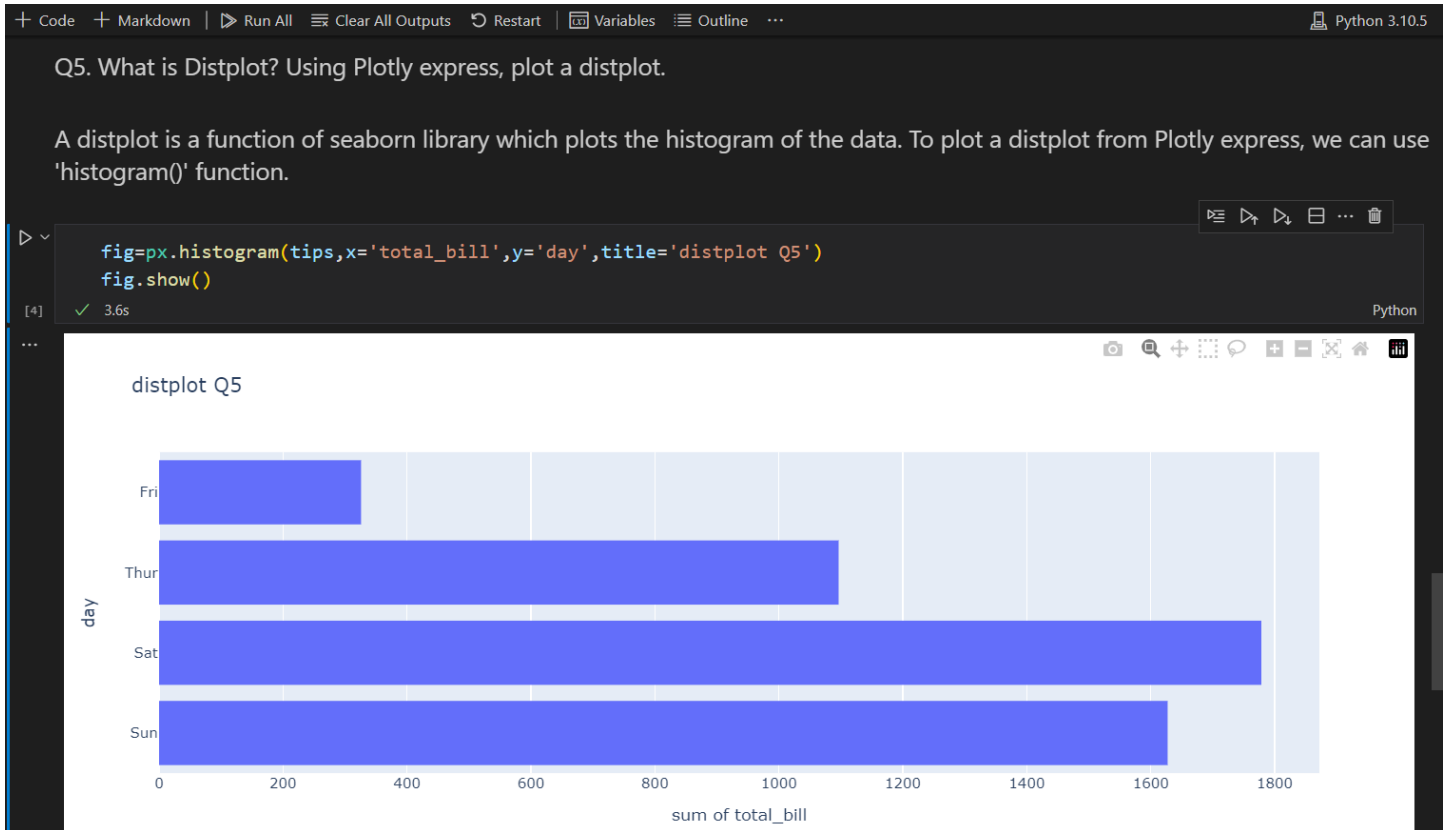
```
fig=px.box(tips,x='total_bill',y='day',title='tips box plot Q2')
fig.show()
```

[31]

tips box plot Q2







I submitted this assignment as a PDF because Plotly was not functioning in Jupyter Lab. Therefore I completed all the assignment questions in VS Code by creating an .ipynb file. However I encountered issues when attempting to upload the file on GitHub due to its graphs. So I took screenshots of each question and answer from VS Code