

# Plotly

## Assignment Questions



**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.

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

**Q3.** Using the tips dataset in the Plotly library, Plot a histogram for `x= "sex"` and `y="total_bill"` column in the tips dataset. Also, use the "smoker" column with the `pattern_shape` parameter and the "day" column with the `color` parameter.

**Q4.** Using the iris dataset in the Plotly library, Plot a scatter matrix plot, using the "species" column for the `color` parameter.

**Note:** Use "sepal\_length", "sepal\_width", "petal\_length", "petal\_width" columns only with the `dimensions` parameter.

**Q5.** What is Distplot? Using Plotly express, plot a distplot.

**Note:** Create your assignment in Jupyter notebook and upload it in GitHub & share that github repository link through your dashboard. Make sure the repository is public.

