

ASSIGNMENT NO 4

FOR THE IRIS DATASET

DATA VISUALIZATION AND EXPLORATION

1. Comparison between various species based on sepal length and width using respective visualization
2. Perform the Bi-variate Analysis via pairplot visualization
3. Justify Sepal Length and Sepal Width features are slightly correlated with each other
4. Visualize the categorical feature “Species” with all other four input variables
5. Plot the density of the length and width in the species.
6. Plot the probability density function(PDF) with each feature as a variable on X-axis and it's histogram and corresponding kernel density plot on Y-axis.