VES Institute of Technology
Department of Artificial Intelligence and Data Science
ADC 601 : Data Analytics and Visualization - Practical Questions

1. Draw the Simple Linear Regression line for the given dataset in Python.

2. Draw the Multiple Linear Regression line for the given dataset in Python

3. Draw the Simple Linear Regression line for the given dataset in R

4. Draw the Multiple Linear Regression line for the given dataset in R

5. Decompose the given time Series Data in Python for the given dataset. Plot the ACF and PACF graphs for the given dataset.

6. Implement ARIMA Model in Python for the given dataset

7. Implement AR Model in Python for the given dataset

8. Implement MA Model in Python for the given dataset

9. Draw a House using D3.js

10. Draw an Indian Flag using D3.js

11. Draw random circles of different sizes and colors using D3.js

12. Draw any three shapes and label them using D3.js

13. Implement a Timer using D3.js

14. Draw a rectangle and rotate it about an axis using D3.js

15. Perform EDA using Matplotlib for the given dataset

16. Perform EDA using seaborne for the given dataset

17. Perform EDA using plotly for the given dataset

18. Perform EDA using ggplot2 for the given dataset