**Exercises**

**(Simulated Data set)**

**Q. Import the required libraries for the visualization purposes into your Python compiler.**

**Q. Create a data frame through the required Python library and print the data frame.**

**Q. Write a Python code to omit or drop the missing values in your data set.**

**Q. How do you merge data frames in Python? Show different types of merging in a Python code.**

**Q. Differentiate between series and data frames. Write a Python code to combine series into a data frame.**

**Q. How do you change the row and column names in Python?**

**Q. What is Matplotlib? What is it used for?**

**Q. Visualize your data set using multiple meaningful and beautiful plots and graphs.**

**Q. Apply linear regression techniques on the data set and fit in the best model.**

**Q. What is co-efficient of linear regression? Display linear regression coefficient in your code.**