Semester 1/ 2020

SWE 485

Quiz 1(2 marks)

Given Nasdaq Dataset, use pandas to apply the following transactions:-

* Create new Jupyter notebook and call it Lab\_Assignment\_(your group and names)
* Create a data frame and call it Nasdaq and load all data from nasdaq dataset and display the results
* Calculate statistical parameters of ``open`` and `` close`` columns
* Remove all null values in ``open`` column and replace it with the mean of the column
* Add new column and call it `` Diff\_Open\_close`` and is should contains the difference between open and close price
* Drop all columns rather than date, open, and close
* Use scatter diagram to show the relationship between, open, and close
* Implement a linear regression model to predict the close value depending on open value
* Show the goodness of your results using R2