

Results Summary

Step by Step Approach

- We first imported all the 6 given CSV files using **Table Data Import Wizard** option in SQL work bench
- After all the files are imported, we copied few columns from existing tables into new tables and calculated Moving average for last **20 days & 50 days** Closing Price for each of the company
- We also consolidated closing price numbers from all companies into one master file
- Basing the line trend of both moving averages we determined at what point we can buy a stock or sell a stock. This exercise is done for all 6 companies.
- Next a User Defined Function is created which takes in **Date** and returns the **Signal** which was generated.

Key Insights

- Total number of times there was a cross over (Signal to buy or Sell) is 24 for Bajaj Auto Company in last 4 years
- Total 12 times we bought the stock with closing price of total 2099396
- Total 12 times we sold the stock with closing price of total 2136867
- Thus resulting in a profit of 37470.