

SUMMARY ON RESULTS OBTAINED DURING STOCK MARKET ANALYSIS

- 1) In question 1, I have created bajaj1,eicher1,etc tables from bajaj auto,eicher motors,etc tables respectively with columns Date and Close Price which will be used in further analysis steps.I have to change month name to month number as in further analysis I have to use it for sorting.
- 2) In question 2,I have created masterTable having date and closing price of each of 6 stock which is named after companies.Hence,MasterTable is created with column Date and Close Price.
- 3) In question 3,I have created bajaj2 table from bajaj1 table having 2 additional columns which are MA20 and MA50 which are moving averages.For MA20 of closing price, have to calculate the prices of current and past 19 days closing prices and similarly for MA50 of closing price,have to calculate the prices of current and past 49 days closing prices. By using average window function I have accomplished it as it's meant for streaming data.Hence,bajaj2 table is created with columns Date,Close Price,MA20,MA50 with respective values.Similarly other stock tables are also created.
- 4) In question 4, I have created User Defined Function in which input parameter is Date and output parameter is Signal at that day which can be buy,sell or hold while using bajaj stock.Hence,when I pass date 2017-05-08 it output buy.