



Stock Market Analysis

SUMMARY REPORT - KAVITHA

- ▶ The dataset provided here has been extracted from the NSE website. The Stock price data provided is from 1-Jan-2015 to 31-July-2018 for six stocks Eicher Motors, Hero, Bajaj Auto, TVS Motors, Infosys and TCS
- ▶ A new schema specific to this work has been created, under which different tables have been created
- ▶ Data provided is in excel (csv) format which is imported into the SQL tables by creating a separate table for every excel namely as below,
 - ▶ bajaj1
 - ▶ tvs1
 - ▶ infosys1
 - ▶ hero1
 - ▶ tcs1
 - ▶ eicher1

- ▶ Once, all data from the excel file has been imported into the tables as mentioned above, a master table is being created involving stock values from all 6 tables created above with 6 columns (one per each stock table) along with date.
- ▶ Replica tables of all 6 tables created earlier by creating a signal value for each of them as either “BUY”, “SELL” or “HOLD” and saved into the below mentioned tables
 - ▶ bajaj2
 - ▶ tvs2
 - ▶ infosys2
 - ▶ hero2
 - ▶ tcs2
 - ▶ eicher2

Function creation for Bajaj Stock to make decision if to Buy, hold or sell a stock

- ▶ Post creation of above 2nd set of tables with signals for each records, an user defined function to pass date as input to the table bajaj2 and return the signal for same has been created.
 - ▶ This function sigFun takes a date an input
 - ▶ It returns one of the below three values
 - ▶ Buy
 - ▶ Sell
 - ▶ Hold