

Summary of Assignment (Stock Market Analysis)

The first question was to create the table named 'bajaj1' containing Date, Closing Price, 20 days and 50 days moving average. For this, a block was created using with clause and referenced it in the main table 'bajaj1' to apply the conditions for finding moving average for the closing price. Performed the same action for all six datasets.

Then created a Master Table which contains the date and Closing Price of all the companies using joins and Date Primary key making that table 7 columns long.

The main task of this assignment was to generate buy, sell and hold signals with the help of calculated moving averages for the previous table. When clause is used in this portion of the code to put on the conditions on moving averages and generating an output according to the result returned by the when clause. The actions are also performed on all the remaining tables.

Created a function which can return the trade signal on taking date as an input in the function call query. It can show the trade signal for any date entered in the function call present in the dataset or table.

The main objective of this analysis was to generate trading signals and tell people to buy, sell or hold their shares for a particular company on the basis of the closing price of the shares on every consecutive working day.