Stock Analysis

Purpose:

The purpose of this project is to determine which stocks can be bought/sold/held based on the moving averages calculated for a period of 20 days [short term] to 50 days [long term].

Summary:

Based on the data provided for 6 stocks, following has been done:

- Calculated Simple Moving Average based on short term (20 days) and long term (50 days) moving averages.
- Determined the trade signals based on the crossover periods from 1st January 2015 to 31st July 2018

Inference Drawn:

It has been noted that the predictions based on the Simple Moving Average may not be always correct. However, as per the trade signals calculated, the best predictions to buy and sell stocks are given below:

- Bajaj Auto:
    - Buy - 18/05/2015 at closing price of 2221.95/-
    - Sell - 13/03/2015 at closing price of 2022.90/-

- Eicher Motors:
    - Buy - 13/03/2015 at closing price of 15879.30/-
    - Sell - 30/03/2015 at closing price of 16019.70/-

- Hero MotoCorp:
    - Buy - 01/06/2015 at closing price of 2709.70/-
    - Sell - 13/03/2015 at closing price of 2609.50/-

- Infosys:
    - Buy - 13/03/2015 at closing price of 2216.45/-
    - Sell - 31/03/2015 at closing price of 2216.60/-

- TCS:
    - Buy - 13/03/2015 at closing price of 2581.05/-.
    - Sell - 07/04/2015 at closing price of 2586.10/-

- TVS Motors:
    - Buy - 26/06/2015 at closing price of 245.10/-
    - Sell - 13/03/2015 at closing price of 277.65/-