

IOURING PRIVATE LIMITED

Chennai - 600096

Problem Statement

Write a program to implement a Simple Moving Average for 1 year historical data of RELIANCE. The attached file contains the Open Price, High Price, Low Price, close price, adjusted close price, and volume for every day.

The program should read the values from the sheet attached and update the following values under the specific heading that is mentioned in the sheet.

- Open SMA(10)
- High SMA(10)
- Low SMA(10)
- Close SMA(10)
- Adj Close SMA(10)
- Volume SMA(10)

SMA Reference: <https://www.investopedia.com/terms/s/sma.asp>

In the attached sheet itself, sample output is provided in a few rows for reference.

You could opt for the programming language according to personal preference.

Commit the source code and output xlsx sheet in the GitHub repository. Share only the git repository URL in the email thread. Add appropriate README for running the program.

Evaluation Criteria:

- Correctness of Output
- Modularity in Program
- Handling errors and cases
- Efficiency of the program in terms of time and space complexity

