1. Read the Data in the File and make an API in Django to extract information based on below Parameter.

Body={"period":"5d”, “timeframe”:“Day”}

Body type is json.

Period =”5d” implied last Five day prices based on the below pattern. Candidate Should assume last trading day as the maximum trading day available in the excel. Timeframe day means Candidate has to convert timeframe of data into one day.

For timeframe = day, candidate has to calculate Day’s open Price, Day’s High, Days’ low and Days’ closing price. The same logic applies to 15 min timeframe , one hour or 30 min timeframe.

{

"tickerSearch": [

{

"Date": "23-04-2021, 12:00:00 AM",

"Open": 75.0916976929,

"High": 75.3050003052,

"Low": 74.7385025024,

"Close": 75.0916976929

},

{

"Date": "26-04-2021, 12:00:00 AM",

"Open": 74.8682022095,

"High": 75.2519989014,

"Low": 74.6640014648,

"Close": 74.8681030273

},

{

"Date": "27-04-2021, 12:00:00 AM",

"Open": 74.7978973389,

"High": 74.8349990845,

"Low": 74.5104980469,

"Close": 74.8149032593

},

{

"Date": "28-04-2021, 12:00:00 AM",

"Open": 74.5749969482,

"High": 74.9459991455,

"Low": 74.2819976807,

"Close": 74.5749969482

},

{

"Date": "29-04-2021, 12:00:00 AM",

"Open": 74.1800003052,

"High": 74.2375030518,

"Low": 73.9550018311,

"Close": 74.0729980469

}

]

}

Timeframe arguments could be “1Hour”, “15MIN”, “30MIN”, “WEEKLY”, “MONTHLY”

Since the data available in excel sheet is in minute format… Candidate has to convert the Data into the above defined Time Frame.

Period Argument could be “5D”, “1M”, “3M”, “6M”, “1Y”, “5Y” or “MAX”

D for days

M for month

Y for year.

MAX all the available data in excel

If body ={"period":"MAX", "timeframe":"30MIN"}

The API should give throw all available data in 30 MIN timeframe in the above prescribed format.

Please ZIP the Django project file. Please provide requirement file also… otherwise the submission will not be considered….

Please mention the view or url through which the api is accessible... server will be localhost.