```python
# Data manipulation libraries
import pandas as pd
import numpy as np


# Machine learning libraries
from sklearn.svm import SVC
from sklearn.preprocessing import StandardScaler
from sklearn.model_selection import RandomizedSearchCV
from sklearn.model_selection import TimeSeriesSplit
from sklearn.pipeline import Pipeline
from sklearn.metrics import confusion_matrix
from sklearn.metrics import classification_report


# Technical indicator library
import talib as ta


# Data import library
import yfinance as yf


# Plotting libraries
import matplotlib.pyplot as plt
import seaborn as sns
from matplotlib.dates import DateFormatter
import matplotlib.dates as mdates


import plotly.graph_objs as go


#Download live data
df = yf.download('TSLA',period = '1d', interval = '1m')
df


#declare figure
fig = go.Figure()


#Set up traces
fig.add_trace(go.Candlestick(x=df.index,
                open=df['Open'],
                high=df['High'],
                low=df['Low'],
                close=df['Close'], name = 'market data'))


# Add titles
fig.update_layout(
    title='Tesla price',
```

```python
        yaxis_title='Stock Price (USD per Shares)')


    # X-Axes
    fig.update_xaxes(
        rangeslider_visible=True,
        rangeselector=dict(
            buttons=list([
                dict(count=1, label="30m", step="minute", stepmode="backward"),
                dict(count=6, label="90m", step="minute", stepmode="backward"),
                dict(count=1, label="HTD", step="hour", stepmode="todate"),
                dict(step="all")
            ])
        )
    )


    #Show
    fig.show()


    # Drop the rows with zero volume traded
    df = df.drop(df[df['Volume'] == 0].index)


    # Create a variable n with a value of 10
    n = 10
    # Create a column by name, RSI and assign the calculation of RSI to it
    df['RSI'] = ta.RSI(np.array(df['Close'].shift(1)), timeperiod=n)
    df
```