Application Program In Python

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```
import numpy as np
import pandas as pd

import yfinance as yf

#To get Data viz
import plotly.graph_objs as go

#To Get Bitcoin data
data = yf.download(tickers='BTC-USD', period = '72h', interval = '15m')

fig = go.Figure()

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

fig.update_layout(
    title='Bitcoin live share price evolution',
    yaxis_title='Bitcoin Price (kUS Dollars)')

fig.update_xaxes(
    rangeslider_visible=True,
    rangeselector=dict(
        buttons=list([
            dict(count=15, label="15m", step="minute", stepmode="backward"),
            dict(count=45, label="45m", step="minute", stepmode="backward"),
            dict(count=1, label="HTD", step="hour", stepmode="todate"),
            dict(count=6, label="6h", step="hour", stepmode="backward"),
            dict(step="all")
        ])
    )
)
fig.show()
```

Output

20:30:00+00:00	39524.781250	39564.359375	39524.781250	39564.359375	39564.359375	0
20:45:00+00:00	39662.609375	39662.609375	39358.886719	39359.250000	39359.250000	82837504
21:00:00+00:00	39335.402344	39396.058594	39235.695312	39235.695312	39235.695312	29663232
21:15:00+00:00	39126.773438	39126.773438	38525.972656	38525.972656	38525.972656	216096768
21:30:00+00:00	38418.175781	38555.988281	38307.304688	38322.519531	38322.519531	508084224
...	...	...	...	...	...	...
16:45:00+00:00	36049.421875	36202.863281	36033.824219	36114.867188	36114.867188	885706752
17:00:00+00:00	36119.894531	36119.894531	35502.042969	35541.523438	35541.523438	525750272
17:15:00+00:00	35522.902344	35983.800781	35522.902344	35983.800781	35983.800781	1153531904
17:30:00+00:00	35994.082031	36024.914062	35925.246094	35925.246094	35925.246094	311476224
17:40:03+00:00	35751.109375	35751.109375	35751.109375	35751.109375	35751.109375	0