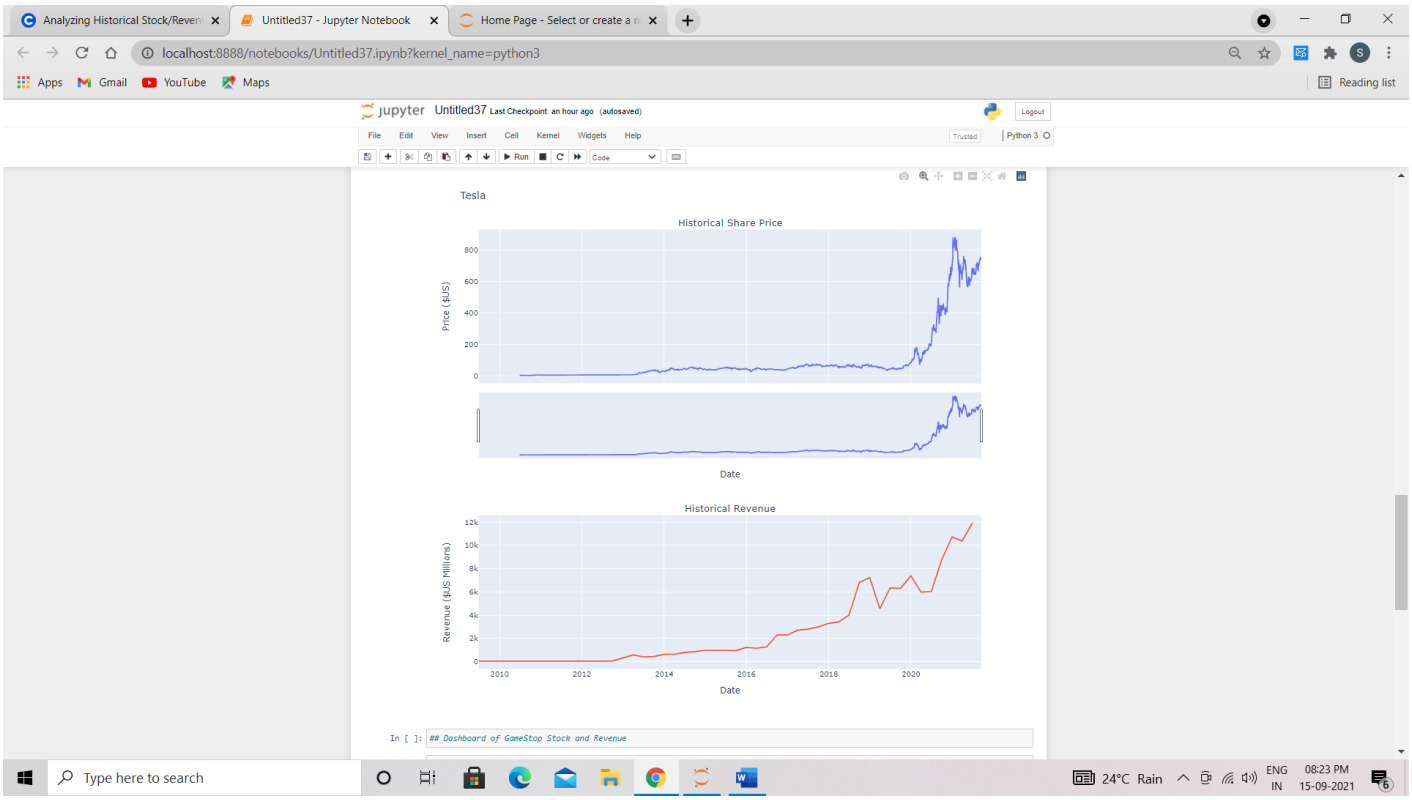
2021 | By: Sushant

Review the growth

Stock price v/s revenue earned

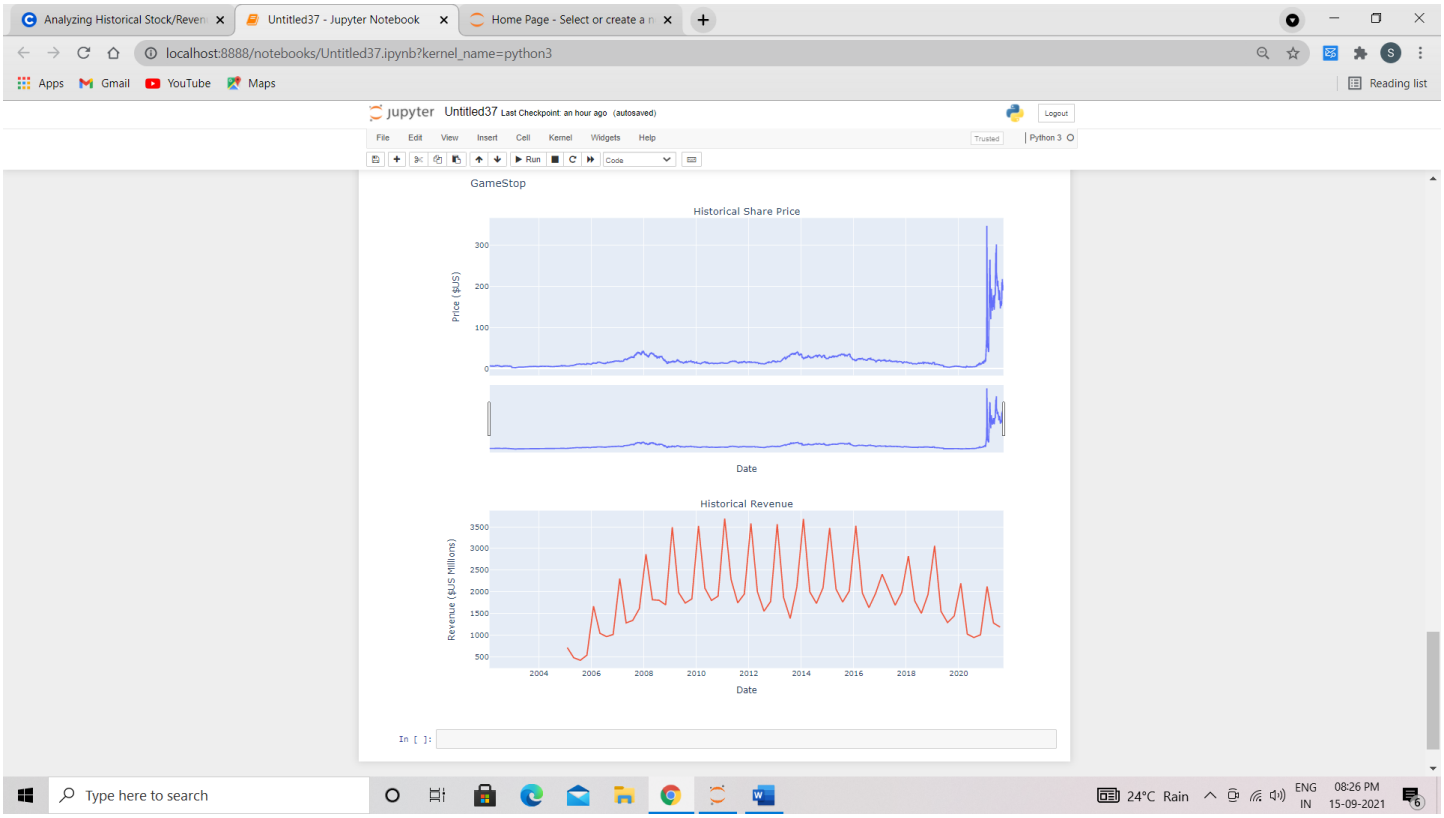
Hick of company

Tesla



As its clearly visible that growth of the company took elevation in the past 4 year . so the stock price even .

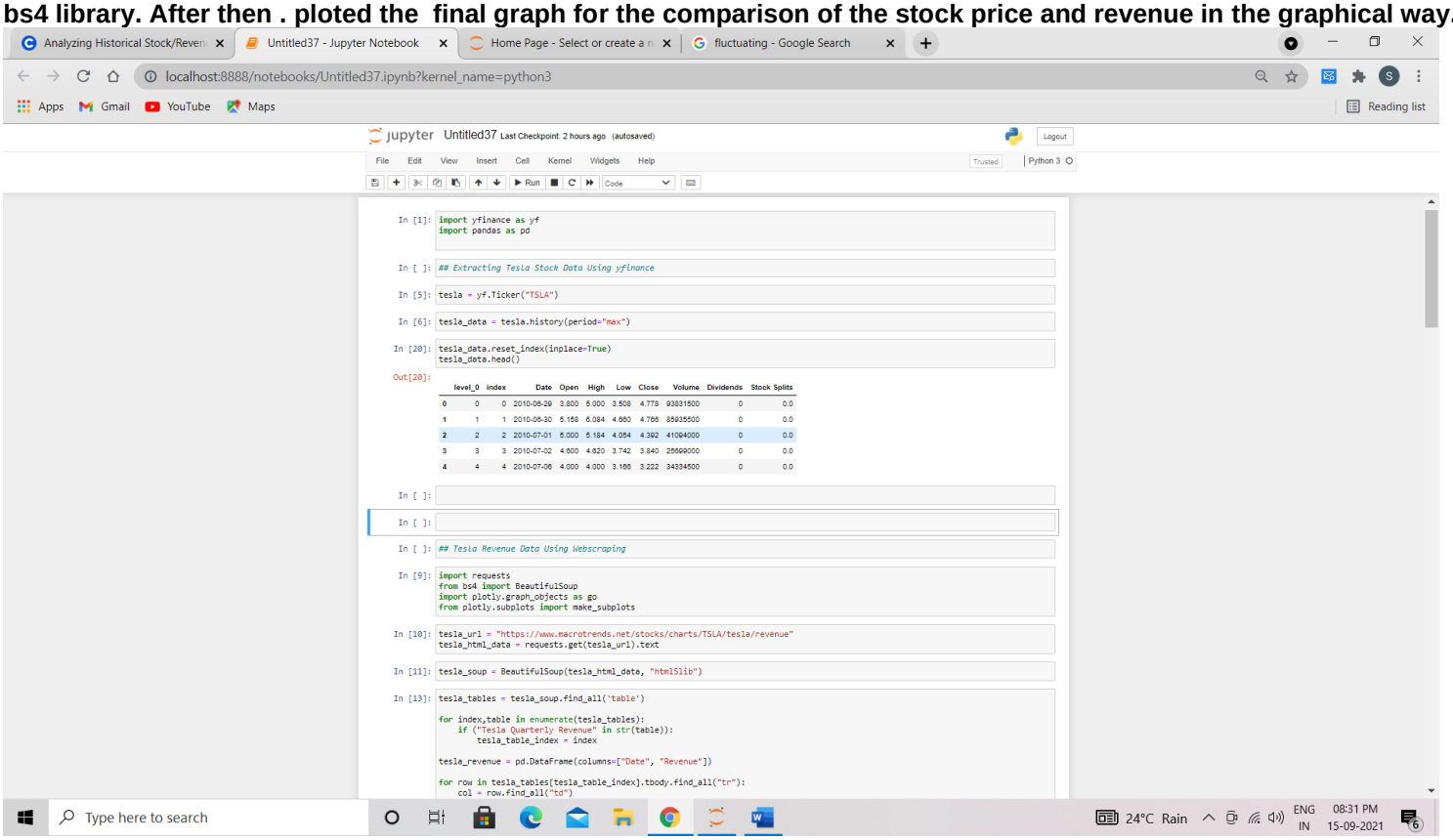
Gamestop

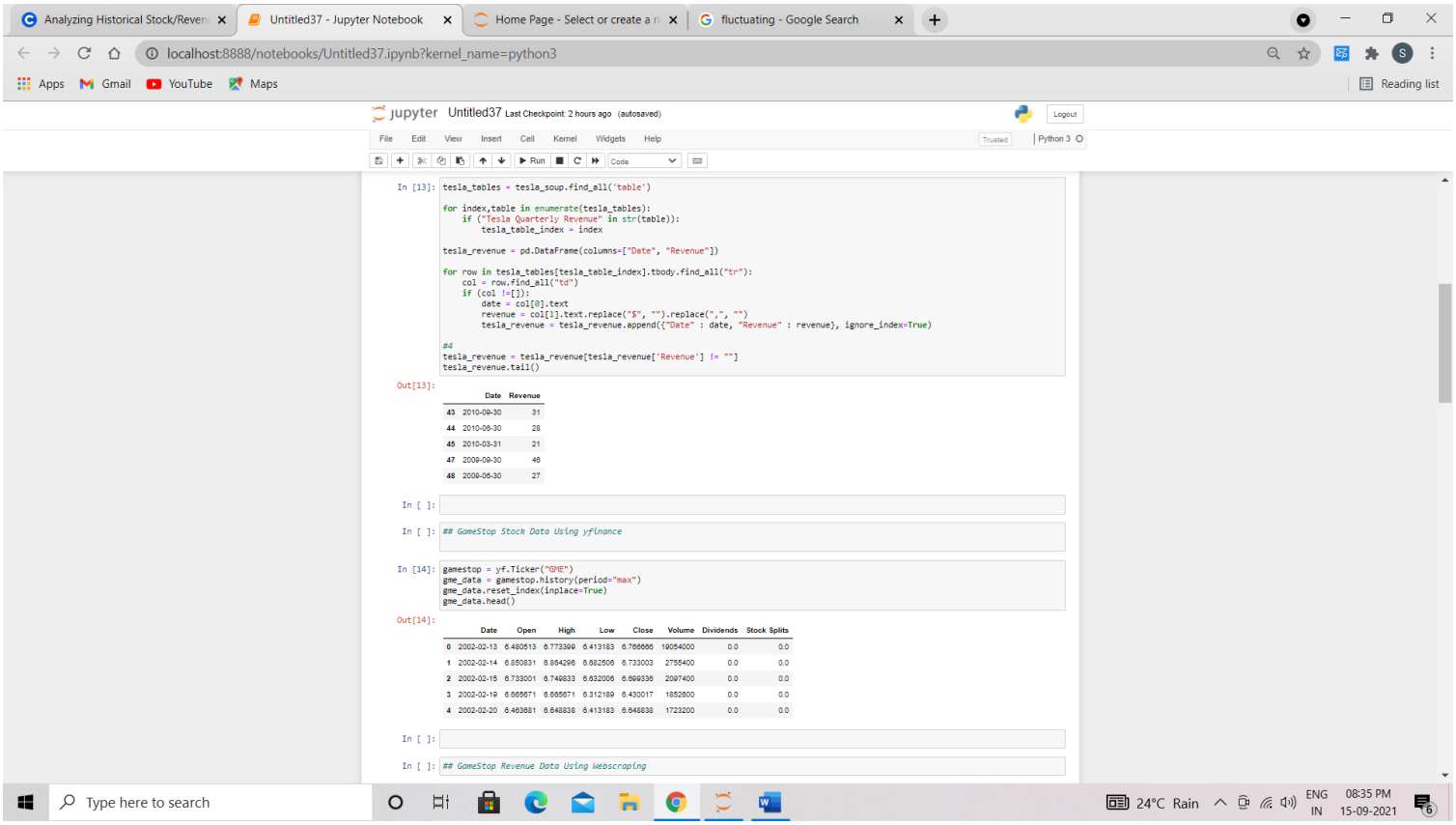


As it visible that revenue for the company is not constant. Its always fluctuating. Stock price have started to grow at the last of the year.

Method :

To extract data of the stock I used the python library yfinance and for the revenue I used the BEAUTIFULSOUP of the bs4 library. After then . ploted the final graph for the comparison of the stock price and revenue in the graphical way.




Analyzing Historical Stock/Reven
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localhost:8888/notebooks/Untitled37.ipynb?kernel_name=python3
Apps
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YouTube
Maps
Reading list
jupyter Untitled37 Last Checkpoint: 2 hours ago (autosaved)
Logout
File Edit View Insert Cell Kernel Widgets Help
Trusted
Python 3
Run
Code
In [13]:
tesla_tables = tesla_soup.find_all('table')
for index,table in enumerate(tesla_tables):
if ("Tesla Quarterly Revenue" in str(table)):
tesla_table_index = index
tesla_revenue = pd.DataFrame(columns=["Date", "Revenue"])
for row in tesla_tables[tesla_table_index].tbody.find_all("tr"):
col = row.find_all("td")
if (col !=[]):
date = col[0].text
revenue = col[1].text.replace("$", "").replace(",", "")
tesla_revenue = tesla_revenue.append({"Date" : date, "Revenue" : revenue}, ignore_index=True)
#4
tesla_revenue = tesla_revenue[tesla_revenue['Revenue'] != ""]
tesla_revenue.tail()
Out[13]:
Date Revenue
43 2010-09-30 31
44 2010-06-30 28
45 2010-03-31 21
47 2009-09-30 46
48 2009-06-30 27
In [ ]:
In [ ]:
GameStop Stock Data Using yfinance
In [14]:
gamestop = yf.Ticker("GME")
gme_data = gamestop.history(period="max")
gme_data.reset_index(inplace=True)
gme_data.head()
Out[14]:
Date Open High Low Close Volume Dividends Stock Splits
0 2002-02-13 6.480513 6.773399 6.413183 6.766666 19054000 0.0 0.0
1 2002-02-14 6.850831 6.864296 6.682506 6.733003 2755400 0.0 0.0
2 2002-02-15 6.733001 6.749833 6.632006 6.699336 2097400 0.0 0.0
3 2002-02-19 6.665671 6.665671 6.312189 6.430017 1852600 0.0 0.0
4 2002-02-20 6.463861 6.648838 6.413183 6.648838 1723200 0.0 0.0
In [ ]:
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GameStop Revenue Data Using Webscraping
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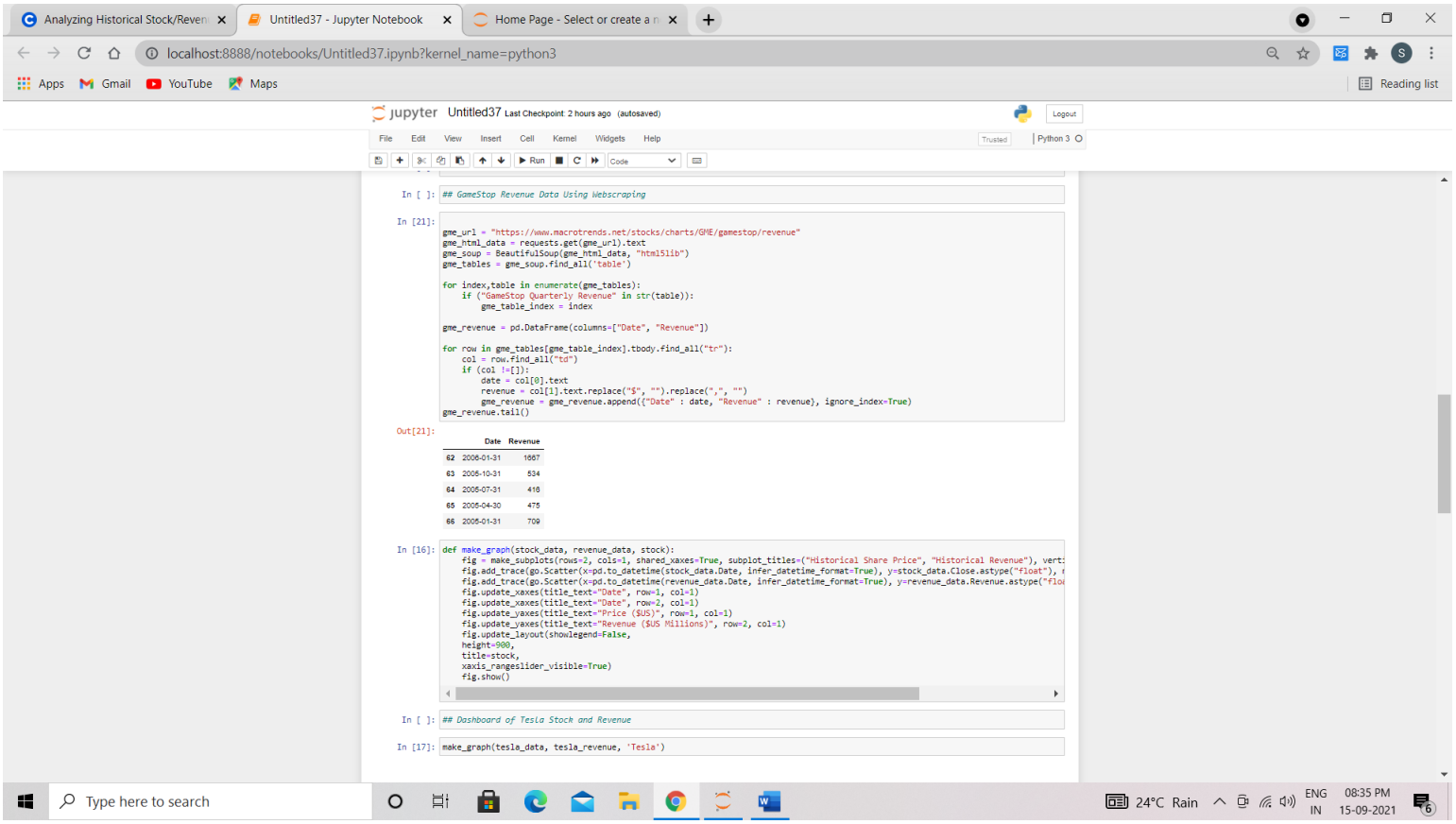

Reference :

Coursera