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Optional: Intro to WebScraping

Final Project: Analyzing Stock Performance and Building a Dashboard

Reading: Project Overview

Reading: Stock Prices

Ungraded App Item: Extracting Stock Data Using Web Scraping

Ungraded Plugin: Reading yfinance library

Quick Extracting Stock Data Using yfinance library

Ungraded App Item: Extracting Stock Data Using Web Scraping

Quick Extracting Stock Data Using yfinance library

Reading: Optional: Gamestop stock in Tesla

Ungraded App Item: Hands-on Lab: Analyzing Historical Stock/Revenue Data and Building a Dashboard

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Peer-graded Assignment: Analyzing Historical Stock/Revenue Data and Building a Dashboard

Reviews 1 left to complete

- Links or files from other learners aren't verified for security by Coursera. If a file appears suspicious, use your preferred antivirus software before opening.

"Comparative Analysis of Tesla vs GameStop: Stock Prices and Revenue Trends"

TA by TACOURRI ABDELHAK

April 26, 2025

Like Flag submission

PROMPT
Question 1: Use yfinance to Extract Stock Data
Reset the index, date, and display the first five rows of the tesla_stock dataframe using the head() function. Upload a screenshot of the results and code from the beginning of Question 1 to the results below.
No uploaded file

RUBRIC
Does the learner have the following solution?

0 points
The date of the first row is not 1.666667 and the ticker and history function is not called with the proper parameters as shown in the solution above.

1 point
The date of the first row is 1.666667 but the ticker and history function is not called with the proper parameters as shown in the solution above.

1 point
The date of the first row is not 1.666667 but the ticker and history function is called with the proper parameters as shown in the solution above.

2 points
The date of the first row is 1.666667 and the ticker and history function is called with the proper parameters as shown in the solution above.

PROMPT
Question 2: Use WebScraping to Extract Tesla Revenue Data
Display the last five rows of the tesla_revenue dataframe using the tail() function. Upload a screenshot of the results.
No uploaded file

RUBRIC
Does the learner have the following DataFrame?

	Date	Revenue
41	2010-09-30	31
42	2010-06-30	28
43	2010-03-31	21
45	2009-09-30	46
46	2009-06-30	27

0 points
No, the Revenue on the last row is not 27.

1 point
Yes, the Revenue on the last row is 27.

PROMPT
Question 3: Use yfinance to Extract Stock Data
Reset the index, date, and display the first five rows of the game_stock dataframe using the head() function. Upload a screenshot of the results and code from the beginning of Question 1 to the results below.
No uploaded file

RUBRIC
Does the learner have the following solution?

0 points
The date of the first row is not 1.683350 and the ticker and history function is not called with the proper parameters as shown in the solution above.

1 point
The date of the first row is 1.683350 but the ticker and history function is not called with the proper parameters as shown in the solution above.

1 point
The date of the first row is not 1.683350 but the ticker and history function is called with the proper parameters as shown in the solution above.

2 points
The date of the first row is 1.683350 and the ticker and history function is called with the proper parameters as shown in the solution above.

PROMPT
Question 4: Use WebScraping to Extract GMC Revenue Data
Display the last five rows of the gmc_revenue dataframe using the tail() function. Upload a screenshot of the results.
No uploaded file

RUBRIC
Does the learner have the following DataFrame?

	Date	Revenue
50	2006-01-31	1667
60	2005-10-31	534
61	2005-07-31	416
62	2005-04-30	475
63	2005-01-31	705

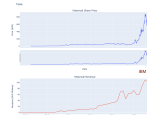
0 points
No, the Revenue of the last row is not 705.

1 point
Yes, the Revenue of the last row is 705.

PROMPT
Question 5: Plot Tesla Stock Graph
Use the make_graph function to graph the Tesla Stock Data, also provide a title for the graph. Upload a screenshot of your results.
No uploaded file

RUBRIC
Does the learner's dashboard look like the following image?

Please note that the learner's solution does not need to match the solution below exactly.



0 points
No, there are no graphs or the graphs have no data in them.

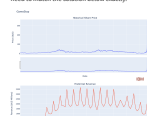
1 point
Yes, there are two graphs with a range slider in between populated with values and the date does go back to at least 2010. The X-axis is the Date and the Y-axis is in US Dollar. The graph data DOES NOT need to look exactly like the solution above.

2 points
Yes, there are two graphs with a range slider in between populated with values and the date does go back to at least 2010. The X-axis is the Date and the Y-axis is in US Dollar. The graph data DOES NOT need to look exactly like the solution above.

PROMPT
Question 6: Plot GameStop Stock Graph
Use the make_graph function to graph the GameStop Stock Data, also provide a title for the graph. Upload a screenshot of your results.
No uploaded file

RUBRIC
Does the learner's dashboard look like the following image?

Please note that the learner's solution does not need to match the solution below exactly.



0 points
No, there are no graphs or the graphs have no data in them.

1 point
Yes, there are two graphs with a range slider in between populated with values and the date does go back to at least 2010. The X-axis is the Date and the Y-axis is in US Dollar. The graph data DOES NOT need to look exactly like the solution above.

2 points
Yes, there are two graphs with a range slider in between populated with values and the date does go back to at least 2010. The X-axis is the Date and the Y-axis is in US Dollar. The graph data DOES NOT need to look exactly like the solution above.

PROMPT
Add the GitHub link or the URL to your assignment in Watson Studio using the share notebook tab instructions.
No URL provided

RUBRIC
Does the learner have a viable share link? Click the link and verify it leads to the correct assignment.

0 points
There is no link.

1 point
There is a link but it does not work or go to the correct assignment.

2 points
There is a link and it goes to the correct assignment.

Submit Review

Comments
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