Data Boot Camp Grading Rubric

Module 12 - Web Scraping Homework - Mission to Mars

Instructions:

Evaluate the homework against the outlined criteria in the below rubric, assigning a rating to each criterion. Add points earned across all criteria and convert the total points to a letter grade, assigning a “+” or “-” letter grade designation at your discretion.

A (+/-)	90+	C (+/-)	70-79	F (+/-)	<60
B (+/-)	80-89	D (+/-)	60-69		

Notes:

The assignment utilizes **Beautiful Soup, Splinter**, **Matplotlib**, and **Pandas** to complete the challenge. The source code should also be deployed to GitHub or GitLab.

Rubric for Mission To Mars:

	Proficiency 40 points	**Approaching Proficiency 30 points**	**Developing Proficiency 20 points**	**Emerging 0-19 points**	**Incomplete**
Scrape Mars News Titles and Preview Texts	The first part of the Jupyter notebook does all of the following: ✓ Use Splinter to visit the Mars news site and BeautifulSoup to parse the webpage content. (10 pts) ✓ Scrapes the titles and preview texts of the most recent Mars news articles (20 pts) ✓ Organizes scraped data into a Python data structure (10 pts)	The first part of the Jupyter notebook does 2 of the following: ✓ Use Splinter to visit the Mars news site and BeautifulSoup to parse the webpage content. (10 pts) ✓ Scrapes the titles and preview texts of the most recent Mars news articles (20 pts) ✓ Organizes scraped data into a Python data structure (10 pts)	The first part of the Jupyter notebook does 1-2 of the following: ✓ Use Splinter to visit the Mars news site and BeautifulSoup to parse the webpage content. (10 pts) ✓ Scrapes the titles and preview texts of the most recent Mars news articles (20 pts) ✓ Organizes scraped data into a Python data structure (10 pts)	The first part of the Jupyter notebook does 0-1 of the following: ✓ Use Splinter to visit the Mars news site and BeautifulSoup to parse the webpage content. (10 pts) ✓ Scrapes the titles and preview texts of the most recent Mars news articles (20 pts) ✓ Organizes scraped data into a Python data structure (10 pts)	No submission was received -OR- Submission was empty or blank -OR- Submission contains evidence of academic dishonesty
	Proficiency 60 points	**Approaching Proficiency 50 points**	**Progressing 40 points**	**Emerging 0-39 points**	
Scrape and	The second part of the Jupyter	The second part of the Jupyter	The second part of the Jupyter	The second part of the Jupyter	

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Analyze Mars Weather Data	notebook does all of the following ✓ Converts the scraped data into a Pandas dataframe with correct data types (15 pts) ✓ Answers 4 out of 5 questions and supports each with data visualization (40 pts/10 pts each) ✓ Export the dataframe to CSV (5 pts)	notebook does 2-3 of the following ✓ Converts the scraped data into a Pandas dataframe with correct data types (15 pts) ✓ Answers 4 out of 5 questions and supports each with data visualization (40 pts/10 pts each) ✓ Export the dataframe to CSV (5 pts)	notebook does 1-2 of the following ✓ Converts the scraped data into a Pandas dataframe with correct data types (15 pts) ✓ Answers 4 out of 5 questions and supports each with data visualization (40 pts/10 pts each) ✓ Export the dataframe to CSV (5 pts)	notebook does 0-1 of the following ✓ Converts the scraped data into a Pandas dataframe with correct data types (15 pts) ✓ Answers 4 out of 5 questions and supports each with data visualization (40 pts/10 pts each) ✓ Export the dataframe to CSV (5 pts)	