and areas for improvement.

Grading Criteria

The final assignment consists of **1 question** worth 15 **points**. You will be evaluated based on the completeness, accuracy, clarity, and presentation quality of your submission.

Question 1: Upload the final PDF named **Data Science Capstone Project Report (15 points**)

1.1: Upload the GitHub URL of the project. **(1 point)**

1.2: Upload the completed presentation slides in PDF format. **(1 point)**

1.3: The Executive Summary slide clearly summarize the methods used and the key results. (**1 point)**

1.4: The Introduction slide explains the project background and clearly states the problem. **(1 point)**

1.5: The Data Collection – SpaceX API slide shows API calls using flowcharts or key phrases and includes the GitHub URL. **(1 point)**

1.6: The Data Collection – Web Scraping slide explains the scraping process using flowcharts or key phrases and includes the GitHub URL. **(1 point)**

1.7: The Data Wrangling Methodology slide explains data cleaning and processing and includes the GitHub URL. **(1 point)**

1.8: The EDA with Data Visualization slide summarizes the charts used, explains their purpose, and includes the GitHub URL.**(1 point)**

1.9: The EDA with SQL slide summarizes the SQL queries performed and includes the GitHub URL. **(1 point)**

1.10: The Interactive Visual Analytics slide summarizes the Folium map and Plotly Dash app and includes the GitHub URLs. **(1 point)**

1.11: Complete all required EDA visualization result slides, including scatter plots, bar charts, and yearly trends. **(1 point)**

1.12: Completed all required EDA with SQL result slides, covering launch sites, payloads, success rates, rankings, and time analysis. **(1 point)**

1.13: Complete the Folium map slides with launch site markers, launch records, and proximity analysis. (**1 point)**

1.14: Complete the Plotly Dash slides with success pie charts and payload versus launch outcome scatter plots. **(1 point)**

1.15: Complete the Predictive Analysis slides with multiple models, evaluation results, confusion matrix, best model explanation, and a clear conclusion with creative and innovative insights. **(1 point)**

Begin the Assignment