**Automidata NYC TLC Proposal**

## **Overview:**

NYC Taxi and Limousine Commission would like to have a way to use the data they have collected to bring reasonable predictions to taxi fares.

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| **Milestone** | **Tasks** | **Deliverables/Reports** | **Relevant Stakeholder (Optional Activity)** |
| **1** | Establish structure for project workflow (PACE)  Plan | * Global-level project document | Data Analysis Manager |
| **1a** | Write a project proposal  Plan |  | Senior Project Manager |
| **2** | Compile summary information about the data  Analyze | * Data files ready for EDA | Senior Data Analyst |
| **2a** | Begin exploring the data  Analyze |  | Data Analysis Manager |
| **3** | Data exploration and cleaning  Plan **and** Analyze | * EDA report | Senior Data Analyst |
| **3a** | Visualization building  Analyze **and** Construct | * Tableau dashboard/visualizations | Senior Project Manager |
| **4** | Compute descriptive statistics  Analyze | * Analysis of testing results between two important variables | Data Analysis Manager |
| **4a** | Conduct hypothesis testing  Analyze **and** Construct |  | Director of Data Analysis |
| **5** | Build a regression model  Analyze **and** Construct |  | Senior Data Analyst |
| **5a** | Evaluate the model  Execute | * Determine the success of the model | Director of Data Analysis |
| **6** | Communicate final insights with stakeholders  Execute | * Final model |  |
| **6a** | **Choose a task**  **Select PACE stage** | * Report to all stakeholders |  |