**Automatidata project Proposal**

## **Overview:**

The New York city and Taxi Limoussine Commision seeks to find a way to predict the fare Taxi cab prices for its users, before any rides, by using the data it has been collecting .

| **Milestone** | **Tasks** | **Deliverables/Reports** | **Relevant Stakeholder (Optional Activity)** |
| --- | --- | --- | --- |
| **1** | **Establish structure for project workflow (PACE)**  **Plan** | * Global-level project document | * Deshawn Washington, Data Analysis manager at Automatidata |
| **1a** | **Write a project proposal**  **Plan** |  | * Uli King, senior project manager. |
| **2** | **Compile summary information about the data**  **Analyze** | * Data files ready for EDA | * Senior Data Analyst, Luana Rodriquez |
| **2a** | **Begin exploring the data**  **Analyze** |  | * Deshawn Washington, Data Analysis manager at Automatidata |
| **3** | **Data exploration and cleaning**  **Analyze and Plan** | * EDA report | * Senior Data analyst, Luana Rodriquez. |
| **3a** | **Visualization building**  **Analyze and Construct** | * Tableau dashboard/visualizations | * Uli King, senior project manager. |
| **4** | **Compute descriptive statistics**  **Analyze** | * Analysis of testing results between two important variables | * Udo Bankole , director of data analysis. |
| **4a** | **Conduct hypothesis testing**  **Analyze and Construct** |  | * Udo Bankole, director of data analysis. |
| **5** | **Build a regression model**  **Analyze and Execute** | * Review testing results * Determine the success of the model | * Luana Rodriquez, senior data analyst. |
| **5a** | **Evaluate the model**  **Execute** | * Final model | * Luana Rodriquez, senior data analyst. |
| **6** | **Compile summary information about the data**  **Execute** |  | * Udo Bankole , director of data analysis. |
| **6a** | **Communicate final insights with stakeholders**  **Select PACE stage** | * Report to all stakeholders |  |