**Proposal for ­Taxi-Limo Ride Duration Prediction**

## **Overview:**

Our goal is to build a statistical model that predicts the duration of a taxi/limo ride in NYC.

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| **Milestone** | **Tasks** | **Deliverables/Reports** | **Relevant Stakeholder (Optional Activity)** |
| **1** | Write a project proposal  Plan | * Global-level project document |  |
| **1a** | **Choose a task**  **Select PACE stage** |  |  |
| **2** | Inspect data files for missing data  Plan | * Data files ready for EDA |  |
| **2a** | **Choose a task**  **Select PACE stage** |  |  |
| **3** | Data exploration and cleaning  Plan **and** Analyze | * EDA results |  |
| **3a** | Visualization building  Plan **and** Analyze | * Tableau dashboard/   visualizations |  |
| **4** | Build a regression model  Analyze **and** Construct | * Analysis of testing results between two important variables * Share results of testing |  |
| **4a** | **Choose a task**  **Select PACE stage** |  |  |
| **5** | Evaluate the model  Construct | * Review testing results * Determine the success of the model |  |
| **5a** | **Choose a task**  **Select PACE stage** |  |  |
| **6** | **Choose a task**  **Select PACE stage** |  |  |
| **6a** | **Choose a task**  **Select PACE stage** |  |  |