## **Overview**

The New York City Taxi and Limousine Commission seeks a way to utilize the data collected from the New York City area to predict the fare amount for taxi cab rides.

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| **Milestones** | **Tasks** | **Deliverables/Reports** | **Relevant Stakeholder (Optional)** |
| **1** | **Establish structure for project workflow (PACE)Plan** | * Global-level project document | Deshawn Washington — Data Analysis Manager |
| **1a** | **Write a project proposal**  **Plan** |  | Uli King — Senior Project Manager |
| **2** | **Compile summary information about the dataAnalyze** | * Data files ready for EDA | Luana Rodriquez — Senior Data Analyst |
| **2a** | **Begin exploring the data**  **Analyze** |  | Deshawn Washington — Data Analysis Manager |
| **3** | **Data exploration and cleaning**  **Plan and Analyze** | * EDA report * Tableau dashboard/visualizations | Luana Rodriquez — Senior Data Analyst |
| **3a** | **Visualization building**  **Construct and Analyze** |  | Uli King — Senior Project Manager |
| **4** | **Compute descriptive statisticsAnalyze** | * Analysis of testing results between two important variables * Share results of testing | Deshawn Washington — Data Analysis Manager |
| **4a** | **Conduct hypothesis testing**  **Analyze and Construct** |  | Udo Bankole — Director of Data Analysis |
| **5** | **Build a regression model**  **Analyze and Construct** | * Review testing results * Determine the success of the model | Luana Rodriquez — Senior Data Analyst |
| **5a** | **Evaluate the model**  **Execute** |  | Udo Bankole — Director of Data Analysis |
| **6** | **Communicate final insights with stakeholders**  **Execute** |  |  |
| **6a** | **Not necessary for this project**  **Select PACE stage** |  |  |

Milestone 1: 1-2 days

Milestone 2: 2-3 weeks

Milestone 3: 1 week

Milestone 4: 1 week

Milestone 5: 1-2 weeks