Automatidata Project Proposal

Overview:

The project goal is to develop a regression model that enables the New York City Taxi and Limousine Commission (TLC) riders to estimate the taxi fares in advance of their ride based on data that TLC has gathered.

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
1a	**Write a project proposal** Plan		Uli King — Senior Project Manager
2	**Compile summary information about the data** Analyze	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	Luana Rodriquez, Senior Data Analyst
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	Deshawn Washington, Data Analysis Manager
4a	**Conduct hypothesis testing** Analyze and Construct		Luana Rodriquez — Senior Data Analyst
5	**Build a regression model** Analyze and Construct	● Review testing results ● Validate the results	Deshawn Washington — Data Analysis Manager
5a	**Evaluate the model** Execute	Determine the success of the model	Udo Bankole — Director of Data Analysis
6	**Not necessary for this project** Execute	Final model	Udo Bankole — Director of Data Analysis

6a	Communicate final insights with stakeholders **Execute**	Report to all stakeholders	**New York City TLC Managers**