Automatidata TLC Project Proposal

Overview:

This project proposal outlines the key milestones and tasks required to develop a regression model for estimating taxi fares before the ride for the New York City Taxi and Limousine Commission (TLC). The objective is to leverage the data gathered by TLC to provide accurate fare estimates and contribute to data-driven decision-making.

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	• EDA report • Tableau dashboard/visualizations	Luana Rodriquez — Senior Data Analyst

	Plan ▾ and **Analyze** ▾		
3a	**Visualization building** ▾ **Analyze** ▾ and **Construct** ▾		Uli King — Senior Project Manager
4	**Compute descriptive statistics** **Analyze** ▾	● 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** ▾	● Determine the success of the model	Udo Bankole — Director of Data Analysis
6	**Build a regression model** ▾ **Construct** ▾	● Final model	
6a	**Communicate final insights with stakeholders**	● Report to all stakeholders	

	Execute ▾		