Automatidata Project Proposal

Overview:

This project is to present a regression model that predicts estimate ride fares before the ride for our partner, the New York City Taxi and Limousine Commission, given the data from TLC.

Milestone	Tasks	Deliverables/Reports	Relevant Stakeholder (Optional Activity)
1	**Establish structure for project workflow (PACE)** Plan ▾	• Global-level project document	Washington, Deshawn Data Analysis Manager
1a	**Write a project proposal** Plan ▾		King, Uli Senior Project Manager
2	**Compile summary information about the data** Analyze ▾	• Data files ready for EDA	Rodriquez, Luana Senior Data Analyst
2a	**Begin exploring the data** Analyze ▾		Washington, Deshawn Data Analysis Manager
3	**Data exploration and cleaning**	• EDA report	Rodriquez, Luana Senior Data Analyst

	Plan and Analyze		
3a	Visualization building Analyze and Construct	• Tableau dashboard/visualizations	Washington, Deshawn Data Analysis Manager
4	Compute descriptive statistics Analyze	• Analysis of testing results between two important variables	Washington, Deshawn Data Analysis Manager
4a	Conduct hypothesis testing Analyze and Construct		Bankole, Udole Director of Data Analysis
5	Build a regression model Analyze and Construct		Washington, Deshawn Data Analysis Manager
5a	Evaluate the model Execute	• Determine the success of the model	Bankole, Udole Director of Data Analysis
6	**Machine learning model is not necessary for this project, so in this stage we finalize the evaluation results and pick the final model to prepare for stakeholder communication.** Execute	• Final model	Bankole, Udole Director of Data Analysis

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