Automatidata Project Proposal

Overview

The New York City Taxi and Limousine Commission aims to leverage data gathered from the New York City area to predict the fare amount for taxi cab rides.

Milestones	Tasks	Deliverables/Reports	Relevant Stakeholder (Optional)
1	Draft the project proposal `Plan`	Global-level project document	Deshawn Washington — Data Analysis Manager
1a	Design project workflow structure `Plan`		Uli King — Senior Project Manager
2	Summarize key data characteristics `Analyze`	Data files ready for EDA	Luana Rodriquez — Senior Data Analyst
2a	Initiate data exploration `Analyze`		Deshawn Washington — Data Analysis Manager
3	Clean and analyze the data `Plan` & `Analyze`	EDA report	Luana Rodriquez — Senior Data Analyst
3a	Create data visualizations `Analyze` & `Construct`	Visualizations	Uli King — Senior Project Manager
4	Calculate descriptive statistics `Analyze`	Analysis of testing results between two important variables	Deshawn Washington — Data Analysis Manager

4a	Perform hypothesis testing Analyze & Construct	Results of testing	Udo Bankole — Director of Data Analysis
5	Develop regression model Analyze & Construct		Luana Rodriquez — Senior Data Analyst
5a	Assess model performance Execute	Success state of the model	Udo Bankole — Director of Data Analysis
6	Deliver final insights to stakeholders Execute	Presentation to all stakeholders	

Timeline
Milestone 1: 1-2 days
Milestone 2: 2-3 weeks
Milestone 3: 1 week
Milestone 4: 1 week
Milestone 5: 1-2 weeks