Automatidata project proposal

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.

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 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/visualizations	Luana Rodriquez — Senior Data Analyst
3a	**Visualization building**		Uli King — Senior Project Manager

	Construct and Analyze		
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		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

Course 1: Foundations of Data Science

Milestone 4: 1 week
Milestone 5: 1-2 weeks