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 (P... **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 d... **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 stakehold:.. Execute ▾		
6a	Not necessary for this project ▾ Select PACE stage ▾		

Course 1: Foundations of Data Science

Note: The estimated times for the milestones in the example equate to the length of the courses where you will learn the necessary skills. Realistic timelines when working with actual clients and data scientists as a data scientist would most likely have tight deadlines, for example:

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