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** **Select software/languages** **Analyze**		Deshawn Washington — Data Analysis Manager
3	**Data exploration and cleaning** **Plan** , **Analyze**	EDA report Tableau dashboard and visualizations	Luana Rodriquez — Senior Data Analyst

3a	**Visualization building** Construct , Analyze		Uli King — Senior Project Manager
4	**Compute descriptive statistics** Analyze	Analysis of testing results Share results of testing	Deshawn Washington — Data Analysis Manager
4a	**Conduct hypothesis testing** Analyze , Construct		Udo Bankole — Director of Data Analysis
5	**Build a regression model** Analyze , 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	Presentation and final report	
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