

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)	Timeline
1	Establish structure for project workflow (PACE) Plan	Global-level project document	Deshawn Washington — Data Analysis Manager	2-3 days
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	2-3 Weeks
2a	Begin exploring the data Analyze		Deshawn Washington — Data Analysis Manager	

3	<p>Data exploration and cleaning</p> <p>Plan and Analyze</p>	<ul style="list-style-type: none"> EDA report Tableau dashboard/visualizations 	Luana Rodriguez — Senior Data Analyst	1 week
3a	<p>Visualization building</p> <p>Construct and Analyze</p>		Uli King — Senior Project Manager	
4	<p>Compute descriptive statistics</p> <p>Analyze</p>	<ul style="list-style-type: none"> Analysis of testing results between two important variables Share results of testing 	Deshawn Washington — Data Analysis Manager	1 week
4a	<p>Conduct hypothesis testing</p> <p>Analyze and Construct</p>		Udo Bankole — Director of Data Analysis	
5	<p>Build a regression model</p> <p>Analyze and Construct</p>	<ul style="list-style-type: none"> Review testing results Determine the success of the model 	Luana Rodriguez — Senior Data Analyst	1-2 weeks
5a	<p>Evaluate the model</p> <p>Execute</p>		Udo Bankole — Director of Data Analysis	
6	<p>Communicate final insights with stakeholders</p> <p>Execute</p>		All stakeholders	1-2 days