



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	<div>Establish structure for project workflow (P...</div> <div>Plan ▾</div>	<ul style="list-style-type: none">Global-level project document	Deshawn Washington — Data Analysis Manager
1a	<div>Write a project proposal</div> <div>Plan ▾</div>		Uli King — Senior Project Manager
2	<div>Compile summary information about the ..</div> <div>Analyze ▾</div>	<ul style="list-style-type: none">Data files ready for EDA	Luana Rodriquez — Senior Data Analyst
2a	<div>Begin exploring the data</div> <div>Analyze ▾</div>		Deshawn Washington — Data Analysis Manager
3	<div>Data exploration and cleaning</div> <div>Plan ▾ and Analyze ▾</div>	<ul style="list-style-type: none">EDA reportTableau dashboard/visualizations	Luana Rodriquez — Senior Data Analyst
3a	<div>Visualization building</div>		Uli King — Senior Project Manager



Course 1: Foundations of Data Science

	Construct ▾ and Analyze ▾		
4	Compute descriptive statistics Analyze ▾	<ul style="list-style-type: none">• 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 ▾	<ul style="list-style-type: none">• Review testing results• Determine the success of the model	Luana Rodriguez — 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 ▾		



Course 1: Foundations of Data Science

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