



New York City Taxi and Limousine Commission(NYC TLC) Ride Duration Prediction Project Proposal

Overview

The aim is to develop a comprehensive plan of action for building a regression model that predicts ride durations based on distance, time of day, season, and additional variables

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>Define project scope and goals</div> <div>Plan ▾</div>		Daichi Watanabe — 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>	<ul style="list-style-type: none">EDA reportTableau	Luana Rodriquez — Senior Data Analyst



Course 1: Foundations of Data Science

	Plan and Analyze	dashboard/visualizations	
3a	Visualization building Construct and Analyze		Daichi Watanabe — Senior Project Manager
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 Rodriquez — Senior Data Analyst
5a	Evaluate the model Communicate final insights with stakeholders Execute		Udo Bankole — Director of Data Analysis

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