



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 (PAC...</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>Generate a concise overview of the dataset</div> <div>Highlighting key characteristics and trends</div> <div>Analyze ▾</div>	<ul style="list-style-type: none">Data files ready for EDA	Luana Rodriguez — Senior Data Analyst
2a	<div>Begin exploring the data</div> <div>Inspect data files for missing data</div> <div>Analyze ▾</div>		Deshawn Washington — Data Analysis Manager



Course 1: Foundations of Data Science

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
3a	<p>Visualization building</p> <p>Construct ▾ and Analyze ▾</p>		Daichi Watanabe — Senior Project Manager
4	<p>Compute descriptive statistics 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
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
5a	<p>Evaluate the model</p> <p>Communicate final insights with stakeholders</p> <p>Execute ▾</p>		Udo Bankole — Director of Data Analysis