



Automated Regression Model Proposal

Overview:

The data team's objective is to build a regression model using data gathered from the New York City Taxi and Limousine Commission (TLC).

Milestone	Tasks	Deliverables/Reports	Relevant Stakeholder
1	<div>Establish structure for project workflow (PACE)</div> <div>Plan ▾</div>	<ul style="list-style-type: none">Global-level project document	Deshawn Washington Role: Data Analysis Manager
1a	<div>Write a project proposal</div> <div>Plan ▾</div>		Uli King Role: Senior Project Manager
2	<div>Begin exploring the data</div> <div>Analyze ▾</div>	<ul style="list-style-type: none">Data files ready for EDA	Luana Rodriguez Role: Senior Data Analyst
2a	<div>Compile summary information about the data</div> <div>Analyze ▾</div>		Deshawn Washington Role: Data Analysis Manager
3	<div>Data exploration and cleaning</div>	<ul style="list-style-type: none">EDA report	Luana Rodriguez Role: Senior Data Analyst



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	Analyze ▾ and Construct ▾		
3a	Visualization building Analyze ▾ and Construct ▾	<ul style="list-style-type: none">Tableau dashboard/visualizations	Uli King Role: Senior Project Manager
4	Compute descriptive statistics Analyze ▾	<ul style="list-style-type: none">Analysis of testing results between two important variables	Deshawn Washington Role: Data Analysis Manager
4a	Conduct hypothesis testing Analyze ▾ and Construct ▾		Udo Bankole Role: Director of Data Analysis
5	Build a regression model Construct ▾ and Analyze ▾		Luana Rodriguez Role: Senior Data Analyst
5a	Evaluate the model Execute ▾	<ul style="list-style-type: none">Determine the success of the model	Udo Bankole Role: Director of Data Analysis
6	Build a machine learning model Construct ▾	<ul style="list-style-type: none">Final model	
6a	Communicate final insights with stakeholders	<ul style="list-style-type: none">Report to all stakeholders	



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