



Automatidata Project Proposal

Overview:

Automatidata, a data consulting firm, is consulting for the New York City Taxi and Limousine Commission (TLC).
New York City TLC is an agency responsible for licensing and regulating New York City's taxi cabs and for-hire vehicles.
The agency has partnered with Automatidata to **develop a regression model that helps estimate taxi fares before the ride**, based on data that TLC has gathered.

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 — 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 data</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>Analyze ▾</div>		Deshawn Washington — Data Analysis Manager



Data Science Project

3	<p>Data exploration and cleaning</p> <p>Plan ▾ and Analyze ▾</p>	<ul style="list-style-type: none">EDA report	Luana Rodriguez — Senior Data Analyst
3a	<p>Visualization building</p> <p>Analyze ▾ and Construct ▾</p>	<ul style="list-style-type: none">Tableau dashboard/visualizations	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	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 resultsDetermine the success of the model	Luana Rodriguez — Senior Data Analyst
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>	<ul style="list-style-type: none">Report to all stakeholders	



Data Science Project

6a	<div>Not necessary for this project</div> <div>Select PACE stage</div>		
----	--	--	--