



# Automatidata model Proposal

## Overview:

The New York City Taxi and Limousine Commission seeks a way to predict fare amounts for taxi rides with the use of a model from the data they collected about customers,

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



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



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