



Automatidata Project Proposal

Overview:

The objective of the New York City Taxi and Limousine Commission is to leverage the data collected within the New York City area to forecast ride durations and fares.

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">Global-level project document	
1a	<p>Write a project proposal</p> <p>Plan ▾</p>		
2	<p>Compile summary information about the data</p> <p>Analyze ▾</p>	<ul style="list-style-type: none">Data files ready for EDA	
2a	<p>Begin exploring the data</p> <p>Analyze ▾</p>		
3	<p>Data exploration and cleaning</p> <p>Plan ▾ and Analyze ▾</p>	<ul style="list-style-type: none">EDA report	



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3a	<p>Visualization building</p> <p>Construct ▾ and Analyze ▾</p>	<ul style="list-style-type: none">Tableau dashboard/visualizations	
4	<p>Compute descriptive statistics</p> <p>Analyze ▾</p>	<ul style="list-style-type: none">Analysis of testing results between two important variables	
4a	<p>Conduct hypothesis testing</p> <p>Analyze ▾ and Construct ▾</p>		
5	<p>Build a regression model</p> <p>Analyze ▾ and Construct ▾</p>		
5a	<p>Evaluate the model</p> <p>Execute ▾</p>	<ul style="list-style-type: none">Determine the success of the model	
6	<p>Communicate final insights with stakeholders</p> <p>Execute ▾</p>	<ul style="list-style-type: none">Final model	
6a	<p>Not necessary for this project</p> <p>Select PACE stage ▾</p>	<ul style="list-style-type: none">Report to all stakeholders	



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