



New York City TLC Proposal

Overview:

This project is aimed to develop a regression model that predicts taxi and limousine ride durations based on location and time of day

Milestone	Tasks	Deliverables/Reports	Relevant Stakeholder (Optional Activity)
1	<div>Write a project proposal</div> <div>Plan</div>	<ul style="list-style-type: none">Stakeholders are updated	1- week
1a	<div>Establish structure for project workflow (PACE)</div> <div>Plan</div>		2 week
2	<div>Understand the data</div> <div>Analyze</div>	<ul style="list-style-type: none">Data files ready for EDA	2-3 week
2a	<div>Inspect data files for missing data</div> <div>Analyze</div>		
3	<div>Compute descriptive statistics</div> <div>Analyze and Plan</div>	<ul style="list-style-type: none">EDA results	



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3a	<p>Data exploration and cleaning</p> <p>Analyze ▾ and Plan ▾</p>	<ul style="list-style-type: none">Tableau dashboard/visualizations	3 week
4	<p>Conduct hypothesis test</p> <p>Analyze ▾ and Construct ▾</p>	<ul style="list-style-type: none">Analysis of testing results between two important variablesShare results of testing	
4a	<p>Build a regression model</p> <p>Construct ▾</p>		3-4 week
5	<p>Evaluate the model</p> <p>Construct ▾</p>	<ul style="list-style-type: none">Review testing resultsDetermine the success of the model	
5a	<p>Communicate final insights with stakeholders</p> <p>Execute ▾</p>		4 week
6	<p>Results are finalized</p> <p>Execute ▾</p>		
6a	<p>Feedback is incorporated</p> <p>Execute ▾</p>		



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