



# Automatidata project proposal

## Overview

The New York City Taxi and Limousine Commission seeks a way to utilize the data collected from the New York City area to predict the fare amount for taxi cab rides.

Milestones	Tasks	Deliverables/Reports	Relevant Stakeholder (Optional)
1	<div>Establish structure for project workflow (P...</div> <div>Plan ▾</div>	<ul style="list-style-type: none"><li>Global-level project document</li></ul>	
1a	<div>Write a project proposal</div> <div>Plan ▾</div>		
2	<div>Compile summary information about the ..</div> <div>Analyze ▾</div>	<ul style="list-style-type: none"><li>Data files ready for EDA</li></ul>	
2a	<div>Begin exploring the data</div> <div>Analyze ▾</div>		
3	<div>Data exploration and cleaning</div> <div>Plan ▾ and Analyze ▾</div>	<ul style="list-style-type: none"><li>EDA report</li><li>Tableau dashboard/visualizations</li></ul>	
3a	<div>Visualization building</div>		



## Course 1: Foundations of Data Science

	Construct ▾ and Analyze ▾		
4	Compute descriptive statistics Analyze ▾	<ul style="list-style-type: none"><li>• Analysis of testing results between two important variables</li><li>• Share results of testing</li></ul>	
4a	Conduct hypothesis testing Analyze ▾ and Construct ▾		
5	Build a regression model Analyze ▾ and Construct ▾	<ul style="list-style-type: none"><li>• Review testing results</li><li>• Determine the success of the model</li></ul>	
5a	Evaluate the model ▾ Execute ▾		
6	Communicate final insights with stakehold... Execute ▾		
6a	Not necessary for this project Select PACE stage ▾		