



# 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 (PACE)</div> <div>Plan ▾</div>	<ul style="list-style-type: none"><li>Global-level project document</li></ul>	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"><li>Data files ready for EDA</li></ul>	Luana Rodriguez — Senior Data Analyst
2a	<div>Begin exploring the data</div> <div>Analyze ▾</div>		Deshawn Washington — Data Analysis Manager
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>	Luana Rodriguez — Senior Data Analyst



## Course 1: Foundations of Data Science

3a	<p>Visualization building</p> <p>Construct ▾ and Analyze ▾</p>		Uli King — Senior Project Manager
4	<p>Compute descriptive statistics Analyze ▾</p>	<ul style="list-style-type: none"><li>• Analysis of testing results between two important variables</li><li>• Share results of testing</li></ul>	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"><li>• Review testing results</li><li>• Determine the success of the model</li></ul>	Luana Rodriquez — 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>		
6a	<p>Not necessary for this project</p> <p>Select PACE stage ▾</p>		



## Course 1: Foundations of Data Science

Note: The estimated times for the milestones in the example equate to the length of the courses where you will learn the necessary skills. Realistic timelines when working with actual clients and data scientists as a data scientist would most likely have tight deadlines, for example:

- Milestone 1: 1-2 days
- Milestone 2: 2-3 weeks
- Milestone 3: 1 week
- Milestone 4: 1 week
- Milestone 5: 1-2 weeks