



# Automatidata Project Proposal

## Overview:

The New York City Taxi and Limousine Commission are seeking to use the data collected from the New York City area to predict the fare amount for taxi cab rides.

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



## Course 1: Foundations of Data Science

3a	<p>Visualization building</p> <p>Construct ▾ and Analyze ▾</p>	<ul style="list-style-type: none"><li>Tableau dashboard/visualizations</li></ul>	Senior Project Manager
4	<p>Compute descriptive statistics</p> <p>Analyze ▾</p>	<ul style="list-style-type: none"><li>Analysis of testing results between two important variables</li></ul>	Data Analysis Manager
4a	<p>Conduct hypothesis testing</p> <p>Analyze ▾ and Construct ▾</p>		Director of Data Analysis
5	<p>Build a regression model</p> <p>Analyze ▾ and Construct ▾</p>	<ul style="list-style-type: none"><li>Regression models</li></ul>	Senior Data Analyst
5a	<p>Evaluate the model</p> <p>Execute ▾</p>	<ul style="list-style-type: none"><li>Determine the success of the model</li></ul>	Director of Data Analysis
6	<p>Communicate final insights with stakeholders</p> <p>Execute ▾</p>	<ul style="list-style-type: none"><li>Final model</li></ul>	
6a	<p>Communicate final insights with stakeholders</p> <p>Execute ▾</p>	<ul style="list-style-type: none"><li>Report to all stakeholders</li></ul>	