



**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
<b>1</b> 1-2 days	<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
<b>1a</b>	<div>Write a project proposal</div> <div>Plan ▾</div>		Uli King — Senior Project Manager
<b>2</b> 2-3 weeks	<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 Rodriquez — Senior Data Analyst
<b>2a</b>	<div>Begin exploring the data</div> <div>Analyze ▾</div>		Deshawn Washington — Data Analysis Manager

<b>3</b> 1 week	Data exploration and cleaning Plan ▾ and Analyze ▾	<ul style="list-style-type: none"> <li>• EDA report</li> <li>• Tableau dashboard/visualizations</li> </ul>	Luana Rodriguez — Senior Data Analyst
<b>3a</b>	Visualization building Construct ▾ and Analyze ▾		Uli King — Senior Project Manager
<b>4</b> 1 week	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>	Deshawn Washington — Data Analysis Manager
<b>4a</b>	Conduct hypothesis testing Analyze ▾ and Construct ▾		Udo Bankole — Director of Data Analysis
<b>5</b> 1-2 weeks	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>	Luana Rodriguez — Senior Data Analyst
<b>5a</b>	Evaluate the model Execute ▾		Udo Bankole — Director of Data Analysis
<b>6</b> 1 week	Communicate final insights with stakeholders Execute ▾		