



# 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	Establish structure for project workflow (PACE) Plan	• Global-level project document	Deshawn Washington — Data Analysis Manager
1a	Write a project proposal Plan		Uli King — Senior Project Manager
2	Compile summary information about the data Analyze	Data files ready for EDA	Luana Rodriquez — Senior Data Analyst
2a	Begin exploring the data Analyze		Deshawn Washington — Data Analysis Manager
3	Data exploration and cleaning Plan and Analyze	EDA report Tableau dashboard/visualizations	Luana Rodriquez — Senior Data Analyst
3a	Visualization building Construct and Analyze		Uli King — Senior Project Manager



## Course 1: Foundations of Data Science

4	Compute descriptive statistics <b>Analyze</b>	Analysis of testing results between two important variables  Share results of testing	Deshawn Washington — Data Analysis Manager
4a	Conduct hypothesis testing  <b>Analyze</b> and <b>Construct</b>		Udo Bankole — Director of Data Analysis
5	Build a regression model  <b>Analyze</b> and <b>Construct</b>	Review testing results  Determine the success of the model	Luana Rodriguez — Senior Data Analyst
5a	Evaluate the model  <b>Execute</b>		Udo Bankole — Director of Data Analysis
6	Communicate final insights with stakeholders  <b>Execute</b>		
6a	Not necessary for this project  <b>Select PACE stage</b>		

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



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