

Taxi Company Project Proposal

Overview

The taxi company seeks a way to utilize the data collected from the covering region to predict the fare amount for taxi cab rides.

Milestones	Tasks (PACE stage)	Deliverables/Reports
1	Establish structure for project workflow (Plan)	Global-level project document
1a	Write a project proposal (Plan)	
2	Compile summary information about the data (Analyze)	Data files ready for EDA
2a	Begin exploring the data (Analyze)	
3	Data exploration and cleaning (Plan & Analyze)	EDA report - Tableau - dashboard/visualizations
3a	Visualization building (Construct & Analyze)	

4	Compute descriptive statistics (Analyze)	<ul style="list-style-type: none"> - Analysis of testing results between two important variables - Share results of testing
4a	Conduct hypothesis testing (Analyze & Construct)	
5	Build a regression model (Analyze & Construct)	<ul style="list-style-type: none"> - Review testing results - Determine the success of the model
5a	Evaluate the model (Execute)	
6	Communicate final insights with stakeholders (Execute)	

PROJECT MILESTONES TIME FRAME

Milestone 1: 2 days

Milestone 2: 3 weeks

Milestone 3: 1 week

Milestone 4: 1 week

Milestone 5: 2 weeks