

Automatida's TLC Project Proposal

Proprietary +
Confidential

Objective

This project is aimed at predicting the fare amount for taxi cab rides from the data provided by New York City Taxi and Limousine Commission (TLC).

Planning and Analyzing stages

Milestone	Tasks	Outcome/Deliverables	Estimated Time
Milestone 1	<ul style="list-style-type: none">Project workflow is outlinedData is gathered from various sourcesSoftware/hardware needs are identified	<ul style="list-style-type: none">Creation of Global Level Project DocumentStakeholders are updatedInternal and External Stakeholders are updated	1 week
Milestone 2	<ul style="list-style-type: none">Data is scrubbed, converted, and formattedData ExplorationData VisualizationCompute Descriptive Statistics	<ul style="list-style-type: none">Database ready for modelingTableau DashboardsAnalysis of Important VariablesInternal Stakeholders are updated	2–3 weeks

Constructing and Executing stages

Milestone 3	<ul style="list-style-type: none">Modeling and machine learning decisions are finalizedModel is constructedMachine learning techniques are tested and retested for accuracy	<ul style="list-style-type: none">Machine learning modelInternal Stakeholders are updated	3 weeks
Milestone 4	<ul style="list-style-type: none">Results are finalizedResults and Model Performance VisualisationsFindings are shared with stakeholdersFeedback is incorporated	<ul style="list-style-type: none">PresentationsExecutive summaryResultsInternal and External Stakeholders are updated	2-3 weeks