Predictive Maintenance Project Proposal

Objective	The data team's objective is to develop a machine learning model that will help perform predictive maintenance on the delivery company's fleet of delivery vehicles.

Planning and Analyzing stages

Milestone	Tasks	Outcome/Deliverables	Estimated Time
Milestone 1	• Outline project workflow • Gather data from various sources • Identify software/hardware needs	• Stakeholders updated	2–3 weeks
Milestone 2	• Clean, convert, and format data	• Database ready for modeling • Stakeholders updated	2–3 weeks

Constructing and Executing stages

Milestone	Tasks	Outcome/Deliverables	Estimated Time
Milestone 3	• Finalize modeling strategies • Build machine learning models • Test models for accuracy	• Machine learning model • Stakeholders updated	4 weeks
Milestone 4	• Finalize results • Share findings with stakeholders • Incorporate feedback	• Visualizations • Executive summary • Results	3 weeks