Insights to the Human Resources (HR) department proposal

Objective	Develop a predictive model that can anticipate whether an employee will leave the company based on various factors such as job title, department, number of projects, average monthly hours and potentially other relevant data points.

Planning and Analyzing stages

Milestone	Tasks	Outcome/Deliverables	Estimated Time
Milestone 1	• Outline project workflow • Collect data from various HR departments • Identify software/hardware needs	• Stakeholders updated	2–3 weeks
Milestone 2	• Clean, convert, and format data	• Data 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 • Model evaluation • Executive summary • Ethical considerations • Results	3 weeks