

Employee Performance Predictor

Milestone 1: Project Initialization and Planning Phase:

The "Project Initialization and Planning Phase" marks the project's outset, defining goals, scope, and stakeholders. This crucial phase establishes project parameters, identifies key team members, allocates resources, and outlines a realistic timeline. It also involves risk assessment and mitigation planning. Successful initiation sets the foundation for a well-organized and efficiently executed machine learning project, ensuring clarity, alignment, and proactive measures for potential challenges.

Activity 1: Define Problem Statement

Problem Statement: A company seeks to predict employee performance based on various factors such as experience, education, training hours, and department. The challenge lies in accurately identifying high-performing individuals to guide promotions and training investments.

Problem Statement Report: [Click Here](#)

Activity 2: Project Proposal (Proposed Solution)

Develop a machine learning model that predicts employee performance categories (e.g., low, medium, high) using structured HR data. This will enhance decision-making in talent management and improve organizational efficiency.

Project Proposal Report: [Click Here](#)

Activity 3: Initial Project Planning

- Define project scope and objectives.
- Identify stakeholders (HR team, data scientists, management).
- Allocate resources and set timelines.
- Understand the dataset and plan preprocessing and modeling workflows.

Project Planning Report: [Click Here](#)

Milestone 2: Data Collection and Preprocessing Phase

The Data Collection and Preprocessing Phase involves executing a plan to gather relevant workers productivity