

Hope Artificial Intelligence

Scenario Based Learning

A company works with number of employees, all the works are dependents on the employees. Even if one of the employees resign the job immediately then assigned work will be not finished at the time, so delivery of the project to the clients will be delayed. Company planned to make solution for this, they want to know which employee may resign next. If they know previously, they can arrange alternative to avoid such problem. As an AI Engineer you must give Solution to this.

- A) How will you achieve this in AI?
- B) Find out the 3 -Stage of Problem Identification
- C) Name the project
- D) Create the dummy Dataset.

A) How will you achieve this in AI?
Predict which employee will resign next

B) Find out the 3-stage of problem Identification
Stage 1- Machine Learning
Stage 2-Semi-Supervised Learning (since no previous label shared)
Stage 3-Classification

C) Name the project
Employee resignation prediction project

D) Create the Dummy Dataset
Input 1 - Employee Name
Input 2 - Designation
Input 3 - Current Role
Input 4 - Current Salary
Input 5 - Market Salary for current Role
output - Employee will resign /Employee will not resign