

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.

Solution:

A) How will you achieve this in AI?

The problem is prediction , whether the employee will resign or not. This is a classification problem in machine learning. We can achieve this by data collection of employees, processing of their job role, evaluating their performance.

B) Find out the 3 -Stage of Problem Identification

1. Understanding the problem
2. Defining the objective
3. Integration with HR system

C) Name the project

“ Employee Job Prediction “ (EJP)

D) Create the dummy Dataset.

The employee with greater number will resign , employee with least number will not .

Employee ID	AGE	GENDER	JOB ROLE	SALARY	DECISION
EJ 4563	32	MALE	ADMIN	35000	5
EJ 6756	35	FEMALE	EXECUTIVE	50000	1

