

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?

From given data set we can predict the employee will resign/not.

B) Find out the 3 -Stage of Problem Identification

Stage 1: ML

Stage 2: Supervised Learning

Stage 3: Classification.

C) Name the project

Employee Management.

D) Create the dummy Dataset.

Emp_id	Emp_name	JobRole	Year of experience in organization	Job Satisfication	Performance	Emp_Status/output
1	Emp1	Trainee	6 months	Good	Good	Not Resign
2	Emp2	Developer	5 Years	Medium	Good	Resign
3	Emp3	Testing	3 Years	bad	Moderate	Resign
4	Emp4	Developer	2Years	Good	Excellent	Not Resign
5	Emp5	QA	1Year	Good	Good	Not Resign