

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?

Based on the survey of an employee such as Experience, Salary, job roles, we shall predict employee job satisfaction level through AI

B) Find out the 3 -Stage of Problem Identification

1. Machine Learning (Employee's survey data in Excel)
2. Supervised Learning (Requirement is clear, I/P & O/P is known)
3. Supervised Classification (Categorical Value – Satisfied/UnSatisfied)

C) Name the project

Employee Retention Prediction

D) Create the dummy Dataset.

Employee Id/Name	Job Role	Experience	Salary	Satisfaction Level
001	Developer	5	5LPA	NO
002	Testing	3	3LPA	YES