

## 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?

Through Machine Learning

B) Find out the 3 -Stage of Problem Identification

Stage 1: Machine Learning

Stage 2: Supervised

Stage 3: Classification

C) Name the project : Employee Attrition

D) Create the dummy Dataset.

S.No	Emp Name	Salary	Skills	Exp	Daily Working hours	Will Resign
1	John	7 LPA	.Net	5 y	9 hours	No
2	Ram	10 LPA	AI/ML	7 y	5 hours	Yes
3	Joe	20 LPA	Java	15 y	6 hours	No
4	Rita	12 LPA	Automated testing	6 y	4 hours	Yes