

# 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?

1. Predict the employee resignation
2. Call to action will be prepare for the recruitment.

B)Find out the 3 -Stage of Problem Identification

1. Machin Learning
2. Supervised Learning
3. Regression

C)Name the project --> Employee resignation prediction

D)Create the dummy Dataset..

Employee ID	Age	Designation	Salary	Tenure in year	Performance	Recruitment (Output)
1256	32	Developer	50000	3	2	Developer
1257	40	Analyst	70000	4	3	Analyst
1258	55	HR Advise	89000	6	4	HR Advise
1259	29	Developer	40000	2	3	Developer
1260	34	Analyst	60000	5	4	Analyst
1261	52	Designer	80000	8	4	Designer