

# 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?

- It comes under **Prediction** of Employee who will resign next.

B) Find out the 3 -Stage of Problem Identification

- **Machine Learning**

-**Supervised learning**

- **Classification**

C) Name the project

- **Resignation predictor of Employee**

D) Create the dummy Dataset.

Emp Id	Emp Name	Emp Sal	Experience	Age	Target(R/NR)
1	Hari	45000	1	28	NR
2	Kavin	76000	6	37	R
3	Rubha	80000	4	35	NR
4	yamu	24000	2	26	R
5	Thilak	34000	5	28	R

R – Resign

NR – Not Resign