

# 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?
- B) Find out the 3 -Stage of Problem Identification
- C) Name the project
- D) Create the dummy Dataset.

A.by calculating employees productivity rate this can be predicted

B.Machine learning

Supervised

Classification

C.Employees chance of leave

D.

No of employees	Productivity/month 1 In unuts	Productivity/month 2 In unuts	Productivity/month 3 In unuts	Chanc e to leave
1	15	16	10	high
2	20	19	21	less
3	22	23	24	less

This is done by calculating employees productivity rate(in units) in three months.

Units=production per piece/production hour

Units=1000/100

Units=10

Average productivity rate/per month=20 units

By calculating average unit lesser than or greater than 20 units results are predicted.

