

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.

Answer:

D) Create the dummy Dataset:

Employee name	Employee age	Employee address	Employee Ph. number	Employee resign or not
X	-	-	-	No
Y	-	-	-	Yes

OR

Employee name	Employee age	Employee address	Employee Ph. number	Employee resign details/date
X	-	-	-	3/25/25
Y	-	-	-	6/2/25

C) Name the project:

Resigning employee prediction

B) Find out the 3 -Stage of Problem Identification:

NLP -> Supervised -> Classification

OR

Time series analysis -> Regression

A) How will you achieve this in AI:

- Analysis statement and data set
- Find the prediction
- Find the domains and their stages
- As per stages/domains we need to create programme.