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.

Answers:

A) How will you achieve this in AI?

To address the problem, the company can use the machine learning based on historical data such as Age, Gender, Years at Company, Employee Performance

B) Find out the 3 -Stage of Problem Identification

- Machine Learning
  - Supervised Learning
    - Classification

C) Name the project

Employee Quit Prediction

D) Create the dummy Dataset.

EmployeeID	Age	YearsAtCompany	PerformanceRating	Output
001	39	7	5	Working
002	33	5	4	Working
003	30	3	3	Resigned
004	45	12	4	Working