Hope Artificial Intelligence

Scenario Based Learning

A company works with number of employees,all the works are dependent on the employees.Even if one of the employees resigns 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 the below:

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?

Collecting historical data on employees name, behavior, role, age, total assignments completed, salary and etc…based on this we can predict whether they are going to **resign** or **continue** at the same organization.

B) Find out the 3 Stage of Problem Identification
- Machine Learning
- Supervised Learning
- Classification

C) Name the Project
- Employee Resignation Prediction

D) Create the dummy Dataset

S.NO.	NAME	EMP.ID	AGE	ROLE	EXPERIENCE (YEARS)	RATING	TOTAL ASSIGNMENTS	SALARY	OUTPUT
1	Raja	1245	46	TL.	15	8.4	25	45000	**Resign**
2	Jency	1568	35	ENGR.	10	9.1	12	40000	**Continue**
3	Praveen	2047	28	EXECUTIVE	6	6.5	7	37000	**Continue**
4	Peter	5869	48	SR.ENGR.	17	7.3	30	42000	**Resign**
5	Deepak	6582	24	TRAINEE	1	7.5	2	15000	**Continue**

Call to Action: **Resign** or **Continue**