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) How will you achieve this in AI?

All the work in the company depends upon the number of employees working there.

From this point, it is clearly understand that the solution can be achieved through **Machine Learning Domain** since it is dealing with **employee numbers.**

B) Find out the 3-stage of Problem Identification?

-Requirements from the Client is very clear

-Input and output is also present

Input data is related to number of employees working in the company.

Output data depends whether the employee will resign this month or next month. So, it is a Yes/No Situation

Supervised -Classification

C) Name of the project

Monitor/Survey Employee Satisfaction

D) Create the dummy Dataset

Employee ID	Ename	Job Performance By Month							Output
		Jan	Feb	March	April	May	June		Resign Or not
101	A	good	good	good	good	good	good		NO
102	B	good	good	good	good	good	good		NO
103	C	good	good	good	Poor	Poor	Poor		YES
104	D	good	good	good	good	good	good		NO
105	E	good	good	good	good	good	good		NO