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) We can predict employee resignation depending upon some factors like Age,performance,task completion time,leave,etc.using this input we can do clustering.

B) 1-Stage-Domain selection
   Machine language
   2- Stage-Learning-selection
   Unsupervised learning
   3-Stage-Classification

C)Employee resignation prediction

D)

Employee ID	Performance	Age	Experience in previous organization	Experience in Current organization	Leave	Average Time taken to complete task	Cluster
16578	Average	35	-	6	Increased	Increased	Chances of resignation high
27868	Excellent	25	-	2	Normal	Normal	Chances of resignation Low
34567	Good	45	5	3	Normal	Normal	Chances of resignation Low

| 34678 | Average | 30 | 2 | 3 | Increased | Normal | Chances of resignation medium |