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?

   This is dataset variables so it called machine learning.

B) Find out the 3 -Stage of Problem Identification
   1. Machine learning
   2. Supervised learning
   3. Classification

C) Name the project
   Employee resignation prediction

D) Create the dummy Dataset.

Employee id	Tenure date	Department	Resigned/values
1	08-10-2023	Sales	Not resign
2	22-11-2023	Engineering	resign
3	16-10-2023	HR	Not resign
4	05-11-2024	Engineering	Not resign
5	29-10-2023	Sales	resign
6	12-12-2023	HR	resign