ML Problem Identification Assignments 1

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 this month or 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

It can be achieved in Machine Learning.

B. Find out the 3-stage of problem identification

➢ Its based on Machine learning because input is number of employee.
➢ This is Supervised learning input & output present.
➢ This output having categorial value, so classification.

C. Name of the project

Employee resign prediction.

D.Create the dummy dataset

No of employee	Emp ID	Date of joining	Resigned with Notice period 90 days	Label
1	243	03.04.2020	60 days	Resigned
2	223	24.08.2007	Continuing	Not Resigned
3	251	02.11.2022	2 days	Resigned
4	277	16.07.2021	Continuing	Not Resigned
5	214	23.06.2016	36 days	Resigned