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.

SOLUTION:

A) This algorithm can be solved by using Machine Learning Domain. Here, each employee is assigned employee id number and based on their work involvement in terms of percentage and discipline(eg punctuality), intelligence is created to decide whether the employee will continue to work or resign.

B) Stage 1: Machine Learning
   Stage 2: Supervised Learning
   Stage 3: Classification- Resign/not Resign

C) Employee Resignation Prediction

D) Dummy Data Set

S.NO	Employee Name	Employee ID	Work Contribution(%)	Discipline	Resign/Not Resign
1	Ashok A	112345	90	Excellent	Not Resign
2	Abina B	112346	25	Poor	Resign
3	Bala C	112347	30	Worse	Resign
4	Catherine D	112348	85	Good	Not Resign
5	Divya E	112349	95	Excellent	Not Resign
6	Fayaz F	112350	92	Good	Not Resign
7	Gowtham G	112351	84	Excellent	Not Resign
8	Hari H	112352	40	Worst	Resign
9	Iniya I	112353	86	Good	Not Resign
10	Jasmine J	112354	22	Poor	Resign