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.

Solutions: -

1. We need to collect data from the client. Then we will come to know the person who is going to resign. Since the data is accurate, we'll use a supervised learning method.
2. This will come under Machine learning >>>>Supervised learning >classification.
3. Separation Notification
4. Sample dataset

|  |  |  |  |
| --- | --- | --- | --- |
| NAME | EMP ID | AGE | OUTPUT/LABLE |
| EMP 1 | E0001 | 25 | Working |
| EMP 2 | E0002 | 26 | Working |
| EMP 3 | E0003 | 30 | Notice Period |
| EMP 4 | E0004 | 25 | Notice Period |
| EMP 5 | E0005 | 29 | Notice Period |