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.

1. How will you achieve this in AI?
2. Find out the 3 -Stage of Problem Identification
3. Name the project
4. Create the dummy Dataset.

**SOLUTION:**

**RESIGNING PREDICTION**

First we collect data from the client, from that data we can predict the next person to resign. The data is to be accurate. So it is clearly defined as Supervised Learning.

From that data it is clearly said it gives under machine learning.

The employee data set is to be categorical value.

MACHINE LEARNING----🡪SUPERVISED LEARNING---🡪CLASSIFICATION.

DUMMY DATASET:

|  |  |  |  |
| --- | --- | --- | --- |
| NAME | EMP ID | AGE | OUTPUT/LABEL |
| PINKY | GCPL0001 | 33 | RESIGN |
| LATHA | GCPL0234 | 23 | WORKING(Currently) |
| RAMU | GCPL0567 | 25 | WORKING(Currently) |
| ROSY | GCPL0876 | 27 | WORKING(Currently) |