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?  
     
    **first should collect employee dataset from client based upon the notice period we have been predict employees who left the company next month**

B) Find out the 3 -Stage of Problem Identification  
  
 **Stage1: Machine Learning - The requirement should be clear and i/p & o/p data at present.**

**Stage2: Supervised Learning**

**Stage3: Classification**

**C)** Name the project: **Resigning prediction**

D) Create the dummy Dataset.

LDW – Last of working is an – O/P and rest of all i/P

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Emp ID** | **Emp Name** | **Notice period** | **LDW** | **Status of Employee** |
| 10001 | Shanthi | No | - | Staff |
| 10002 | Naren | Yes | 30-10-23 | Service Notice period |
| 10003 | Zechariah | No | - | Staff |
| 10004 | hussain | No | - | Staff |
| 10005 | viji | Yes | 30-11-23 | Service Notice period |
| 10006 | Sharvan | No | - | Staff |