Problem Identification

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

1. How will you achieve this in AI?

Ans : By identifying the 3 stages with the help of below mentioned points:

An employee can resign a job based on their salary, health conditions, pursuing higher education, home relocation, Dissatisfaction with work environment/roles, performance etc.,

1. Find out the 3 -Stage of Problem Identification?

Stage1 – Machine Learning

Stage 2 – Supervised

Stage 3 – Classification

1. Name the project : Employee resignation prediction
2. D) Create the dummy Dataset

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Emp id | salary | Medical issues | Higher education | Relocation | Work satisfaction | performance | Output |  |
| 1 | 20,000 | yes | no | no | no | normal | resigning |  |
| 2 | 20,000 | no | no | no | no | normal | Not resinging |  |