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:**

1. We have to predict who will resign next from the company and give the information to the company for the alternative arrangement. So we have to prepare a google form/feedback form and give it to every employees to get their opinion.
2. Stage 1 – Natural Language Processing

Stage 2 – Supervised Learning

Stage 3 – Classification

C) Name the Project : Employee Resignation Prediction

D) Create the dummy Dataset.

|  |  |  |
| --- | --- | --- |
| S.No | Employee Name | Willing to resign this month |
| 1 | Aravind | Yes |
| 2 | Ashwin | No |
| 3 | Sudeesh | No |
| 4 | Yaadharsh | Yes |