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.

A) How will you achieve this in AI?

We can get feedback for all the employees and with that we can come to know whether they are happy about their work environment and willing to continue their work in our company.

B) Find out the 3 -Stage of Problem Identification

Stage 1 – NLP

Stage 2 – Supervised Learning

Stage 3 - Classification

C) Name the project

Employee Retention Prediction

D) Create the dummy Dataset.

1. I am happy about my work -> **Continue Work**

2. I am not happy about my work and feeling more pressurized -> May Resign

3. I am feeling more stressed now a days during my work -> May Resign

4. I love coming to office every day -> **ContinueWork**