**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?**

As a AI Engineer I will predict the next month who resigning job. So, First i will get the employees details, they are mentally and physically activated or not activated to do a work. Every end of the month I will conduct the feedback message about their company.

**B) Find out the 3 -Stage of Problem Identification**

Stage 1 – Natural Language Processing

Stage 2 – Supervised Learning

Stage 3 – Classification

**C) Name the project**

Next Month Resigning Employee Prediction

**D) Create the dummy Dataset.**

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| --- | --- | --- | --- | --- | --- |
| NO OF EMP | Name | Experience | Last month Working Feedback | Next month Suggestions | Your mind set  (next month you will continue/resign) |
| 1 | Nandhini | 2 | Over work pressure | Reduce work(Assign the work for equal) | May be resign |
| 2 | Vinoth | 4 | Some working load | Give a Few minutes for relaxing | Continue |