**Problem Identification Assignment**

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?

To collect dataset for employee details and predict the next resign employee.

1. Find out the 3 -Stage of Problem Identification   
   Machine learning, Supervised learning, classification for problem identification.

Input of Number as Employee id and output is categorical as resign or working

1. Name the project

Employee project re-assignment

1. Create the dummy Dataset

|  |  |  |
| --- | --- | --- |
| EmpName | EmpId | output |
| Nagaraj | 77I2 | Working |
| Vignesh | 7792 | Working |
| Nazeer | 7793 | Resign |