**SCENARIO BASED LEARNING**

1. **How will you achieve this in AI?**

**ANSWER:** First collect dataset of each employee working in the company based on that we can predict whether they are going to resign or not.

1. **Find out the 3-stage of problem Identification?**

**ANSWER:** Stage 1 ---Domain ---Machine Learning

Stage 2 ---Learning Method ---Supervised Learning

Stage 3 ---Classification (Resign or Not Resign)

1. **Name the Project**

**ANSWER:** Real Time Employee Resignment Prediction using AI

1. **Create Dummy Data set**

**ANSWER:**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NAME | AGE | OVERALL WORK EXPERIENCE  IN OTHER COMPANIES | OVERALL WORK EXPERIENCE IN THIS COMPANY | GENDER | SALARY | WORKING HOURS | NO OF DAYS ABSENT | WORKING PERFORMANCE | NO OF CLIENTS HANDELLED | NO OF PROJECTS DONE | OUTPUT |
| AKSHYA | 28 | 10 | 2 | FEMALE | 20000 | 8HRS | 19 | BETTER | 17 | 10 | NOT RESIGNED |
| RAM | 49 | 1 | 2 | MALE | 55000 | 6HRS | 27 | NEEDED IMPROVEMENT | 6 | 4 | RESIGNED |
| PRIYA | 33 | 7 | 3 | FEMALE | 40000 | 6HRS | 6 | GOOD | 20 | 18 | NOT RESIGNED |
| SAM | 51 | 20 | 5 | MALE | 30000 | 5HRS | 22 | NEEDED IMPROVEMENT | 18 | 7 | RESIGNED |
| AJITH | 26 | 1 | 2 | MALE | 22000 | 9HRS | 3 | VERY GOOD | 29 | 24 | NOT RESIGNED |