## **Problem Identification Assignment:**

1. How will you achieve this in AI?

The full data of the employee including age, tenure, experience, promotion, salary etc with this the employees resign or not resign can be predicated.

- 2. Find out the 3 Stages of identification
  - i. Stage1 Machine Learning
  - ii. Stage 2 Supervised Learning (Requirement clear, Input & Output well defined)
  - iii. Stage3 Classification
- 3. Name of Project Resignation Status

## 4. Create a Dummy Dataset

## **Employee Resignation List:**

| Employee<br>Id | Employee<br>Name | Department | Age | Tenure | Experience | Salary   | Last<br>Promoted<br>(Years) |
|----------------|------------------|------------|-----|--------|------------|----------|-----------------------------|
| 6900           | Johan            | Testing    | 32  | 4      | 10         | 75,00    | 4                           |
| 6602           | Jerome           | Developer  | 45  | 2      | 15         | 1,50,00  | 5                           |
| 6902           | Stephen          | Support    | 36  | 5      | 14         | 78,000   | 2                           |
| 6523           | Vani             | Testing    | 25  | 6      | 2          | 50,000   | 3                           |
| 6784           | Vimala           | Support    | 45  | 7      | 4          | 1,45,000 | 1                           |