Self-Analyse:

The company has all the employee details, such as the number of years experienced, designation, salary, employee rating for his company during the survey, and so on. Based on that, we can predict the next resignation.

A) How to Achieve in AI:

By analysing employee data, we can use AI to predict future resignations. This proactive approach allows us to address potential issues early and enhance employee retention strategies.

B) 3-Stages of Problem Identification

1. The requirement involves numerical data like years of experience, salary, and rating, which can be addressed using Machine Learning or Deep Learning techniques.
2. We have both the input and the desired output, making this a case for Supervised Learning.
3. The goal is not to predict everyone who will resign but to identify the order of resignations. Therefore, we need to rank employees by who is likely to resign first, second, and so on, which classifies this problem under Regression.

- Machine Learning
- Supervised
- Regression

C) Name of the Project
   Resignation Prediction System

D) Dummy Dataset

Input				Output
Employee Name	Experience	Grade	Salary package	Resignation Sequence
Babu	6	140	1500000	2
Mani	7	140	1500000	1
Meena	4	130	1200000	3
Chandan	3	120	900000	4