A close-up of a question

Description automatically generated

1. How will you achieve this in AI?

To solve this problem, we can use a **machine learning model** that predicts the likelihood of an employee resigning based on various features such as work environment, satisfaction levels, job performance, Company Feedback and other related data.

1. Find out the 3 – Stage of Problem Identification:

Domain : Machine Learning

Model Learn : Supervised Learning

Subcategory : Classification

1. Name of the Project: Resignation Risk Prediction System
2. Create a Dummy Dataset:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Emp\_Id | Emp\_Name | Age | No of Years of Experience | Salary | Emp\_Feedback\_about\_Company (rating out of 5) | Company\_FeedBack\_about\_Employee (rating out of 5) | No of projects | Resigned(1/0) |
| 01 | Aditi | 30 | 6 | 500000 | 4 | 3 | 2 | 0(Not Resigned) |
| 02 | Aurav | 35 | 10 | 980000 | 3 | 4 | 5 | 1 |
| 03 | Sanjeev | 22 | 1 | 18000 | 4.5 | 3.5 | 1 | 0 |
| 04 | Sahitya | 25 | 2 | 250000 | 3 | 4 | 2 | 0 |
| 05 | Thanga | 38 | 13 | 145000 | 2 | 3 | 3 | 0 |
| 06 | Zeena | 32 | 8 | 60000 | 2 | 4 | 3 | 1 |