**Project name: Employee Attrition prediction**

We could first go through the problem statement. The problem statement says when the employee resign the job immediately the assigned work is impacted so they need to predict which employee may resign next so that they can train a backup resource as the mitigation plan.

The requirement Is in the form of numbers like **no of years, salary, Domain they are working, skill set and no of project handled etc.** we can go for **machine learning** also we have to go through the test data that that is fetched from the client. Based on the client input we can decide if the second stage is a supervised or semi supervised.

The requirement is clear also both the input and output is present it should be **supervised**.

Since the prediction is the employee will resign or not resign it comes under **classification**

We could suggest as below

1. **Machine learning – Supervised-Classification**

**Dummy data**

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