**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 text so we can go for **NLP** 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 but o/p may be present for one or two employee or may not be present at all, so it should be **semi supervised**.

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

We could suggest as below

1. **NLP – semi supervised-Classification**

**Dummy data**

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