Problem Identification Assignment

1. The system will be trained to predict the employee resignation based on the past data of all employees including ex-employees.

2.

Stage 1: Machine Learning

Stage 2: Supervised learning

Stage 3: Classification

3. Employee Attrition Prediction

4.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Emp ID | % of Paid leaves used till now | Any Decrease in productivity in last 2 months? | Employee rating given in last appreciation meeting | Did employee express any disappointment/concern in last one-to-one meeting? | Is emp available online all-time during work hours in last 2 months? | Emp. Taking few hours off/permission in last 2 months? | Emp. Requesting more WFH days in last 2 months? | Empl. Resigned? |
| 101 | 80 | yes | 3 | yes | yes | yes | yes | yes |
| 102 | 50 | no | 4 | yes | yes | no | non | no |
| 103 | 90 | No | 3.5 | Yes | yes | Yes | Yes | Yes |
| 104 | 60 | No | 3 | Yes | Yes | No | Yes | no |