Scenario Based Learning

1. Based on the reasons of the resignation, we can predict who else wil resign or not.
2. The reasons are following a.Looking for high salary b.Distace to travel for workplace c.More working hours.
3. Problem identification: a. Whole dataset based on numbers only, so first stage is coming under Machine Learning b. Requirement is clear that is prediction of expecting resignation of employees, so second stage is coming under Supervised Learning c. output label based on categorical value that is resign/not resign, so third stage is coming under Classification.
4. Name of the Project : “Resignation of Employees Identification”.
5. Dataset:

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| --- | --- | --- | --- | --- |
| Employees ID No. | Salary Package (Rs.) | Travel Distance for Office (Km.) | Working Hours | Label |
| 01 | 11.5K | 10 | 8 | Not Resign |
| 02 | 8K | 25 | 11 | Resign |
| 03 | 12K | 5 | 9 | Not Resign |
| 04 | 8.5K | 18 | 12 | Resign |
| 05 | 15K | 7 | 8 | Not Resign |
| 06 | 20K | 12 | 8 | Not Resign |
| 07 | 18K | 11 | 8 | Not Resign |
| 08 | 8K | 19 | 10 | Resign |
| 09 | 8.5K | 13 | 12 | Resign |
| 010 | 8K | 21 | 12 | Resign |