Week 3 – Machine Learning Problem Identification Assignment

Problem Statement:

A company works with number of employees, all the works are dependents on the employees. Even if one of the employees resign the job immediately then assigned work will be not finished at the time, so delivery of the project to the clients will be delayed. Company planned to make solution for this, they want to know which employee may resign next. If they know previously, they can arrange alternative to avoid such problem. As an AI Engineer you must give Solution to this.

1. How will you achieve this in AI?

This can be achieved by performing machine learning analysis on employee parameters like Time Taken to Complete the Assigned work, Employee Leave Availed, Employee Screen Time

Employee Pay, Employee Years of Work in current organization

1. Find out the 3 -Stage of Problem Identification

Stage 1 – Domain Selection : Machine Learning Reason : Most of the inputs are numbers

Stage 2 – Learning Selection- Supervised Learning : requirement is clear input and output is present

Stage 3 – Classification – Resigned or unresigned is classified by the input

1. Name the project – Employee Attrition Trends
2. Sample Data

