PROJECT2- SEMESTER7-Weekly Report
Banking Customer Retention Prediction

Duration : - __22 July 2024__ to __27 july 2024__.
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➢ **Work Done so far-**

● **Papers / Thoery studied**

Title of paper /Topic name	Other details
Bank Customer Retention Prediction	https://github.com/param9898/Banking_Customer_Retention_Prediction/blob/main/bank-churn-prediction.ipynb

● **Implementations done**

➢ **Data Understanding and Exploration**

- **Univariate Analysis**: Utilized histograms, box plots, and density plots to visualize the distribution
- Identified key patterns, outliers, and anomalies within single variables.

- **Bivariate Analysis**: Created scatter plots, correlation matrices, and pair plots to assess correlations and dependencies between variables.
- Analysis to explore relationships between pairs of variables.

- **Multivariate Analysis**: Performed multivariate analysis to understand the interactions among multiple variables simultaneously.
- Created multivariate plots to uncover patterns and groupings within the data.

● **Next week action plan.**
- Model Development.
- Evaluation Metrics
- Model Training
- Testing