**SPRINT FINAL**

**TEAM TVS**

In the final week of Sprint, we have worked on making machine learning models to predict revenue, we have come up with better r2 results with our models by changing features and variables.

Data Integration: Sakshi and Tirth

- Collaborated on merging the current customer list with billings.

- Calculated the revenue growth ratio for each current customer, offering crucial business insights.

EDA and Feature Engineering – Vishal and Sakshi

- Data cleaning, scaling and log transformations have been performed by Sakshi

- Vishal contributed to calculating the other features and encoding

Machine Learning Models: Vishal and Sakshi

- Vishal took charge of developing machine learning models using data provided by Sakshi.

- Conducted comprehensive testing of different models to ensure reliability and efficiency.

Visualization and Analysis: Sakshi

- Utilized her expertise to plot informative graphs showcasing different models' outcomes.

- Created tables supporting analyses for a comprehensive overview of insights.

Code Quality and Documentation: Tirth and Vishal

- Worked on commenting and formatting code for readability.

- Integrated markdown cells and notes where necessary to enhance code understanding.

Predicting the final model- Vishal and Sakshi

* Analyzed and compared all the models to come up with the best working model and plot graphs.

Required Documentation: Tirth and Vishal

-Presentation files and the final coding files have been written and edited to meet the rubrics and the coding standards.

**Conclusion:** Overall, final sprint was a success, with our team making significant progress in making machine learning models and predicting prospect companies. This collaborative effort across data integration, machine learning, visualization, code quality, and presentation has shaped a well-rounded project, highlighting the power of teamwork at each stage of development.