Project Weekly Progress Report
Agile – Scrum

Semester	W2024
Course Code	AML-2404
Section	Section 1
Group Name	Data Detectives
Student names/Student IDs	Akash C0910253 Akshitha C0912936 Jagadeesh C0912884 sai praneeth C0913039 Sathwick C0903053
Reporting Week	Week-1
Team Lead for the reporting week	Jagadeesh

Why Weekly Progress Report?

Preparing and submitting weekly progress reports is crucial for stakeholders of a project as it helps them stay informed and involved in the project's development. Progress reports provide stakeholders with a detailed overview of the project's status, including any accomplishments and challenges that were faced during the reporting week. This information allows stakeholders to make informed decisions, provide targeted feedback, and ensure that the project is on track to meet its goals and objectives.

Weekly progress reports also help stakeholders identify any potential issues or risks early on, allowing them to take proactive steps to mitigate them. Ultimately, regular progress reports help build trust and accountability among project stakeholders, leading to more successful outcomes and increased satisfaction for all involved.

Instructions:

Provide detailed information on the progress that you made in the reporting week.

- Minimum Required Length: 3 Pages
- At least one graphical content with figure number and reference to it in the text
- References: Please include APA-style references for each external source you use

1. **Progress Made in Reporting Week:** (Provide detailed information on the tasks and activities that are completed in the reporting week)

   This week we met in online meeting and created a group and started communicating amongst ourselves . We came up with "_Telco customer churn prediction_" which using Machine Learning algorithms for predicting the churn of the customer based on his contract and tenure period. The main idea behind the project is to build a website on our local machine which takes inputs from the user like contract, paperless billing, senior citizen , monthly charges, total chargers. Gender and few other features to name. We gathered dataset from Kaggle (Telco customer churn).

2. **Difficulties Encountered in Reporting Week:**
   (Provide detailed information on the difficulties and issues that you encountered in the reporting week)

   As we are a team of 5, each of us came up with various projects where we faced a challenging situation to pickup one project. Previously we decided our project to be a Face Match application in the spreadsheets , shared in the last week of the class. But as it uses deep learning we decided not to move on to that, so we chose customer churn prediction. So that we can perform EDA and build up a perfect ML model.