

# **Pre-Submission Report**

## **AI in finance (Personalized Banking)**

### **Group Members**

<b>Registration no.</b>	<b>Name</b>
12106661	Aman Kumar
12210904	Kallam Charan Reddy
12113712	Zair Hussain

- **Dataset used to demonstrate the use cases**

- ❖ **Personalized Investment Recommendations** - A dataset of historical stock prices and financial statements of various companies can be used to train an AI model to make personalized investment recommendations based on the user's financial profile and investment goals.
- ❖ **Personalized Credit Scoring** - A dataset of past credit histories of customers along with their demographic information can be used to develop an AI model that can predict the likelihood of a user defaulting on a loan. This can help banks make personalized credit decisions based on the customer's risk profile.
- ❖ **Fraud Detection** - A dataset of past fraudulent transactions and their patterns can be used to train an AI model to identify potential fraudulent transactions in real-time. This can help banks prevent fraudulent activities and protect their customer's accounts.
- ❖ **Personalized Budgeting and Saving** - A dataset of a customer's spending patterns and account balances can be used to develop an AI model that can provide personalized budgeting and saving recommendations. This can help customers better manage their finances and achieve their financial goals.
- ❖ **Customer Segmentation** - A dataset of customer transaction histories and demographic information can be used to develop an AI model that can segment customers based on their spending habits, preferences, and financial behavior. This can help banks better understand their customers and provide personalized offers and services.

- **Roles and responsibility of each group member**

Registration no.	Topics
12106661	Abstract, Introduction, Functions, Data and knowledge sources, Types
12210904	Advantages and disadvantages, Shortcomings, Problems and solutions to the same
12113712	Implementation ideas, Applications, References

- **Gantt chart**

