Data Science Term-project proposal

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❖ Dataset : Santander Bank Product Recommendation.

❖ Abstract :

We propose to develop a recommendation system that allows users to input their basic information and receive a personalized list of suggested products. The system will be built using machine learning techniques, including but not limited to classification models, transformer-based architectures, and other relevant approaches. In addition, we will implement a simple web-based user interface to facilitate user interaction with the system. If time permits, we will further incorporate a feedback mechanism in which users can rate the usefulness of the recommended products. This feedback will then be used to adjust model parameters, creating a form of reinforcement learning that continuously improves recommendation quality.