



COMMENTS

1 Understanding Objective:

Key Aspects:

To revise the model, the diagram includes notes on when to upgrade server capabilities and points where clustering, recommendation and other changes should be reviewed.

For Business Goals:

- Problem definition: Understanding the problem that needs to be solved with machine learning
- KPIs: Identify and define what key performance indicators will be used to measure the success of the model in achieving business goals
- Hypothesis: How the model will solve the business problem and affect KPIs

For the Model Development:

- Collaborative filtering using SVD modelling is utilised for its efficiency in light of resource and time constraints.
- While neural networks are ideal for recommendations, SVD is chosen due to current limitations.

For Model Serving:

- Real-time data and customer feedback should be considered for continuous improvement of recommendations
- During the Monitoring, we will continue to refer back to the KPIs to evaluate the performance of the models and the effectiveness of the data pipeline. Monitoring tools and dashboards will be used to keep track of these KPIs in real-time to ensure that the models are delivering value and to spot when it's time for updates or adjustments.
- Monitoring customer behaviour : customers might change their behaviour, product preferences, or interact differently with the services offered, leading them to fit into a different cluster as time progresses. If the clustering model is retrained with new data, the boundaries of clusters may shift, causing customers who were once in one cluster to be reassigned to another. Also, Customers go through various life stages, and their financial needs, spending habits, and risk profiles evolve, so it's important It is essential to monitor these changes as they can provide valuable insights into how customer preferences evolve and help you adapt your strategies

2 How to use this board?

The **purpose of this board** is to craft a system that ensures the EasyMoney team has a comprehensive overview of the plan to follow, along with the workflow and steps necessary in the MLOps process, ensuring a cohesive and effective approach. This setup will serve as a dynamic tool to foster team coherence and goal setting, making it clear how every member, from individual contributors to team leaders, plays a part in achieving our collective objectives.

MLOps Project Planning Proposal

