

Title:**"Implementation of Mobility-Based Recommendation System".**

- Implementation of a mobility-based recommendation system for OTT platforms such as Netflix or Wavve.

Objective:

- to recommend suitable content according to home, commuting, public transportation use, etc.

Context:

- The goal is to implement a recommendation system with an extra feature that recommends content based on people's content history such as someone's location, most visited areas, travel time, etc. For example, when people's viewing data is collected during work hours, the algorithm will know which type of content is mainly viewed on the bus or other transportation methods, and as a result, will recommend similar content to people on the bus.
- Currently, there is sample data provided by Wavve, a domestic OTT platform company, in the laboratory, and there is mobility data collected directly. We aim for implementation by the end of May.

Instructions:

- Research existing recommender systems for Netflix/Wavve.
- Research collaborative filtering / latent factorization
- Come up with solutions to implement a mobility-based recommender system.

Requirements:

- Make a detailed PowerPoint,
- Make a detailed explanation video.
- Make a detailed document explaining the research.