**RECOMMENDED SYSTEM**

**Introduction:**

* It is a subclass of [information filtering system](https://en.wikipedia.org/wiki/Information_filtering_system) that seeks to predict the "rating" or "preference" a user would give to an item.
* A Recommender System refers to a system that is capable of predicting the future preference of a set of items for a user, and recommend the top items.
* One key reason why we need a recommender system in modern society is that people have too much options to use from due to the prevalence of Internet.
* They are most commonly recognized as playlist generators for video and music services like [Netflix](https://en.wikipedia.org/wiki/Netflix), [YouTube](https://en.wikipedia.org/wiki/YouTube) and [Spotify](https://en.wikipedia.org/wiki/Spotify), product recommenders for services such as [Amazon](https://en.wikipedia.org/wiki/Amazon_(company)), or content recommenders for social media platforms such as [Facebook](https://en.wikipedia.org/wiki/Facebook) and [Twitter](https://en.wikipedia.org/wiki/Twitter).

**Application:**

* Book Recommended System
* Music Recommended System
* People Recommended System
* Video Recommended System
* Product Recommended System

**Approaches:**

* Collaborative Filtering(hinel)
* Content-Based Filtering(archan)
* Risk-Aware Recommended System(akash)
* Mobile-Recommended System(vishva)

**Techniques:**

* K Nearest Neighbour(hinel)
* Pearson Correlation(vishva)
* Bayesian Classifiers(akash)
* Clustering Analysis
* Basic Approaches and Decision Trees

**Performance Measures:**

* Beyond Accuracy(dharmik)