

A recommendation engine for a Restaurant

為餐廳平台打造的推薦引擎

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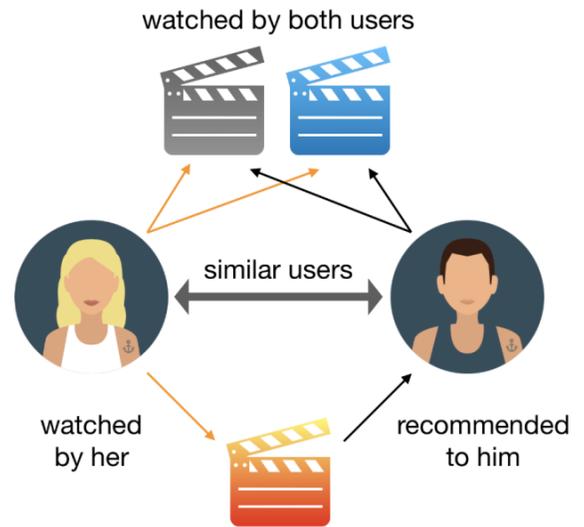
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開發工具: ReactJs, Python, Postgres, Docker

測試環境: Linux

一、簡介:

At the moment most of the small business does not take advantage of recommendation systems algorithms to predict and suggest items (e.g., products) that a users may be interested in. Because of this, the main purpose of this project is with the help of technologies such as QRCode and using a Collaborative Filtering Recommendation Engine Algorithm , users and small business restaurants owners would be able to get the best of recommendation System engines.



二、技術開發: Website + App + Recommendation Engine

Technology and Equipment used:

1. Postgres Database
2. Fast API (Backend)
3. React Native and Reactjs (FrontEnd).
4. Pandas Library

Implementation Function:

1. Store data such as user, item, etc.
2. Create the Chef Website for Restaurants Owners and App for Users.
3. Backend server with multiple API endpoints.
4. Recommendation Collaborative filtering

二、流程圖：

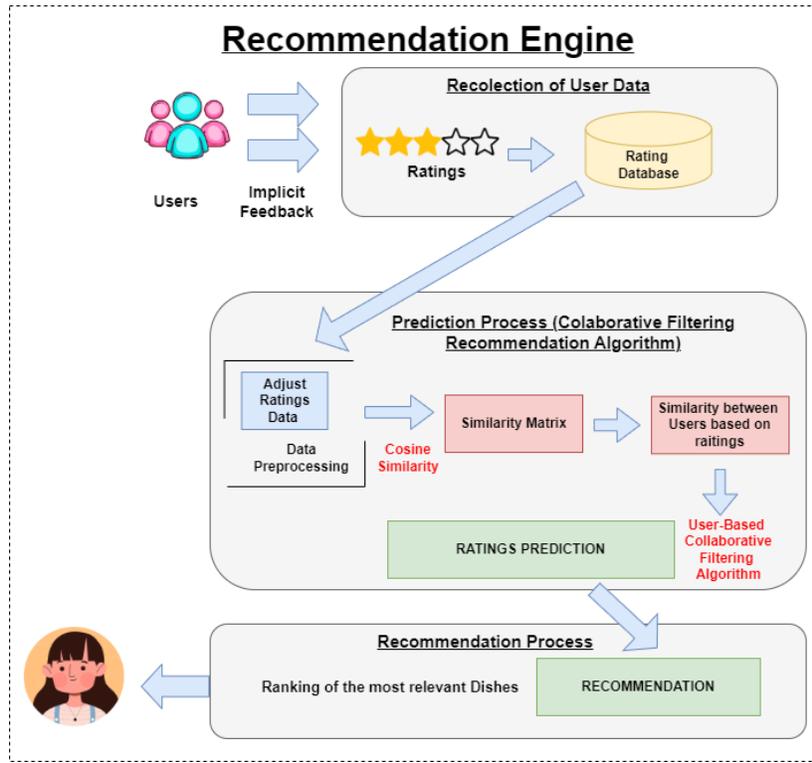


Fig.1 Recommendation Engine: Architecture of the Proposed Recommendation Engine.

四、測試結果：

