

**Even Recommendation System (Java)** May – Aug.2018 Using **personalization** to improve even search and recommendation based on visited history <http://ec2-18-218-234-68.us-east-2.compute.amazonaws.com/Jupiter/>

- • Researched common methods (Userbased, Contentbased, Demographicbased, Item-based etc.) to provide restaurant recommendation based on item profile.
- • Developed an interactive web page (**HTML/javascript**) for users to search events, update preference and view recommended events.
- • Developed a **web service using** (Java servlet, REST API) to fetch event data from TicketMaster API.
- • Utilized **MySQL/MongoDB** to store user preference and event information.
- • Designed a contentbased recommendation algorithm to match similar events based on categories.
- • Improved precision of recommendation by ordering events based on distance, stars and matched categories
- • Tested the webservice and app with **unit tests** (JUnit) and load tests (JMeter).