**Capstone project ideas**

1. **Anime Recommendation System:** aims to recommend new anime to customers best suited to their tastes and traits. The Anime Recommendation Database crawled from MyAnimeList website will be used. The dataset contains the following anime information :title, genres, type, number of episodes, average user rating and the number of members for each anime.

2. **Music recommendation System**: aims to recommend new songs to customers best suited to their tastes and traits. There a few datsources that can be used: one is my apple music listening history, which I can request from Apple. Another is the Spotify Playlists Dataset, which contains users, their playlists and the tracks contained in these playlists( artist name, trackname).The third tis the Million Song dataset available on Kaggle, which contains user listening history information and song metadata and audio features in separate tables.

3. **Book Recommendation System**: aims to recommend new books to customers best suited to their tastes and traits. I intend to use the [Book Crossing](http://www2.informatik.uni-freiburg.de/~cziegler/BX/) dataset, which was compiled by Cai-Nicolas Ziegler in 2004 and consists of three tables for users, books and ratings. Explicit ratings are expressed on a scale from 1–10 (higher values denoting higher appreciation) and implicit rating is expressed by 0.