Team Name: T-Recs

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1. Project idea:

   We plan to implement a recommender system, recommending a business based on the user's location, the business' information, and most importantly, the reviews provided by the user herself as well as by other users. In essence, for a given user, we will find a list of businesses that would be most interesting for her. We will be using data from Google Local (businesses integrated with Google Maps). The algorithms we plan to use as a basis for our recommender system are item-based CF, user-based CF, and KNN as we have discussed in class.

2. Dataset (stored in JSON format)

   Data Source: http://cseweb.ucsd.edu/~jmcauley/datasets.html#google_local

   This rich dataset is divided into three separate JSON files as follows:

   a. Review data (**size: 11,453,845 records**): consists of reviews about businesses from google maps including the rating, reviewer name, review text, categories, and timestamp.
   b. User Data (**size: 4,567,431 records**): consists of the user's information including the user's name, places she's lived, and jobs she's had.
   c. Location Data (**size: 3,116,785 records**): consists of the business's information including the business name, price, address, hours, phone, whether the business is open or closed, and location in latitude/longitude.