Comp Sci 421 Group Project: by Julianna Williams and Cameron Rodriguez (aka team CJ)

Language: Python. Will use Jupyter Notebook and Github.

* E-commerce Data Analytics Pipeline (such as Amazon)
* Analyze user-interaction data to see popular trends, not necessarily according to customer’s previous purchases.
* Clothing, food, interior design, etc.
* Funnel most recent purchases in a specific department or branch where the user is searching.
* Prevent duplicates
* Will use message queueing
  + We may have multiple sources and want to preserve customer security.
* Have not decided on a source for scraping data.
* Market Basket Analysis
  + Data mining technique that analyzes combinations of products that are bought together.
  + Descriptive, predictive, or differential would all be useful (as it may pertain to customer trends over time)
* Authentication/Authorization of user only if buying, searching is okay.
* It will be also able to organize by price and other categories.