

# Milestone 2

## Mini Amazon Project

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Video and code submitted on Gradescope.

Link to GitHub: <https://github.com/olivia-leggio/mini-amazon-cs316>

Link to application (should be running on Duke VM): <http://vcm-17139.vm.duke.edu:5000/>

### **Data procurement plan**

We plan to use the Kaggle Toys dataset for now, likely supplemented by other datasets on Kaggle. We will use this database or others for the items and categories more or less as-is. It includes review text, which we will likely randomly assign to users imported from another artificial dataset. Similarly, we can generate random past orders and listings. In practice these would be created on the website, of course, but we would generate some amount of fake ones to start with. To clean the data we plan to use pandas, as well as the sqlite CLI if necessary, as that can directly access the .db file in the application. Our application is built with Flask-SQLAlchemy with a Sqlite3 database, and runs on a Duke VM.