**Capstone References**

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**To database**

cd Desktop/Projects/Capstone/Testing/db\_test/Model/Database

cd Desktop/Projects/Fake\_Review\_Checker/django\_site/fake\_review\_checker

cd Desktop/Projects/Django\_Testing/django\_site/fake\_review\_checker

**Activate env**

source env/bin/activate

cd django\_site/fake\_review\_checker/

**Django Commands**

**Database**

python3 manage.py makemigrations

python3 manage.py migrate --fake catalog zero

python3 manage.py migrate catalog

python3 manage.py sqlmigrate catalog 0001

**Server**

python manage.py runserver

python manage.py createsuperuser

<http://127.0.0.1:8000/admin/>

**Shell**

python manage.py shell

from catalog.models import Review, User, Product

r = Review("Review 0", "I liked this product", 5.0, 12345, 12121900, "B6D783", "CD000F", "USER324")

**Custom**

**Note: minHash must be ran before similarity (or else it will crash)**

python3 manage.py minhash <asin>

python3 manage.py minhash --all

python3 manage.py minhash -a

python3 manage.py similarity **B001LHVOVK**

python3 manage.py similarity --all

python3 manage.py similarity -a

**Note: incentivized and anomaly must be ran with a product ASIN**

python3 manage.py incentivized **B001LHVOVK**

python3 manage.py review\_anomaly **B001LHVOVK**

python3 manage.py rating\_anomaly **B001LHVOVK**

**Note: user and product must be ran before review, because review is a weak entity type**

python3 manage.py database user

python3 manage.py database product

python3 manage.py database review

python3 manage.py database user --remove

python3 manage.py database product --remove

python3 manage.py database review --remove

python3 manage.py database --remove\_all

python3 manage.py database -ra

python3 manage.py database user --drop

python3 manage.py database product --drop

python3 manage.py database review --drop

python3 manage.py database --drop\_all

python3 manage.py database -da

python3 manage.py database user --select

python3 manage.py database product --select

python3 manage.py database review --select

python3 manage.py database --select\_all

python3 manage.py database -sa

python3 manage.py database user --insert

python3 manage.py database product --insert

python3 manage.py database review --insert

python3 manage.py database --insert\_all

python3 manage.py database -ia

**Sqlite Terminal Commands**

sqlite3

.open db.sqlite3

.mode columns

.headers on

.tables

select \* from review;

select \* from user;

select \* from product;

select count(\*) from review;

select count(\*) from user;

select count(\*) from product;

delete from review;

delete from user;

delete from product;

drop table review;

drop table user;

drop table product;

<https://docs.djangoproject.com/en/3.2/intro/tutorial03/>

**Dependencies (venv packages)**

Open venv:

Pip installs:

pip install requests

pip install beautifulsoup4

pip install django==3.2.3

pip install lxml

pip install matplotlib

pip install mpld3

pip install nltk

pip install scipy

pip install numpy

pip install spacy

pip install pandas

pip install pyculiarity

pip install requests

pip install sqlalchemy