

Youqing Ye

A former chemist who currently has her sights set on a full-time data science position. Experienced in Excel, VBA, Python, SQL & HTML. An insatiable learner who loves acquiring new skills and tackling new challenges. Strong emphasis on working collaboratively with a like-minded team to ensure optimal results.

431 Brentwood Dr.
Piscataway, NJ 08854
(540) 808-8261
yeyouqing88@gmail.com
Permanent resident

RELATED EXPERIENCE

MOVIE DATA VISUALIZATION

Data visualization of movie total box office gross to show hidden trends and rationale for major shift of hollywood attitude.

Conducted data scraping with BeautifulSoup from online sources, data cleanup with Python Pandas; extracted and loaded data by SQL; visualized data by HTML and D3.js; presented by python flask.

https://github.com/kychien/movie_visualizations

Skills: Python, Pandas, Numpy, BeautifulSoup, SQLAlchemy, SQLite, HTML, Javascript, D3.js, Python Flask

APP STORE EVALUATION

A quantitatively comparison between Google Play Store and Apple Store, over 10000 apps by their category, rate and price using Excel and Python, visualized by graphs and tables.

Conducted data cleanup by Python Pandas, data visualization by Matplotlib, project presented by powerpoint.

<https://github.com/szareen/Project-1>

Skills: Python, Pandas, Matplotlib, Excel, Powerpoint

HOUSING TRENDS in US

An analysis of housing trends in America with housing price, population, crime and SAT score data extracted from Data.world and College Board.

Extracted and transformed all csv files with Python; Loaded data with MySQL, data visualization by Matplotlib and Tableau.

https://github.com/sasidhy1/etl_repo

Skills: Python, Pandas, Matplotlib, MySQL, SQLAlchemy, BeautifulSoup, PyPDF2

TECHNICAL SKILLS

Languages: Python, SQL, noSQL, Javascript
Data Manipulation & Visualization: pandas, matplotlib, numpy, seaborn, Tableau, D3.js, plotly
Database: mySQL, mongoDB
Other: Git, AWS, Flask, command line.

EDUCATION

Rutgers University,
Somerset, NJ — *Data Science Bootcamp Certificate*
July 2018 – Feb. 2019
Skills: Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning.

Virginia Tech, Blacksburg, VA
— *Master of Science*
Aug. 2011 – May 2015
Skills: HPLC, NMR, AAS, GC-MS, etc.

LANGUAGES

English, Mandarin Chinese