

CLAY SELLECK

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Portfolio Page: <https://cselleck.github.io/>

SUMMARY

Experienced agent in the insurance industry with problem solving skills looking for a career opportunity in data analytics. Experience with performing multiple variable tasks with limited direction from leadership. Ability to communicate solutions verbally and visually to clients and leadership.

TECHNICAL SKILLS

Tools: PostgreSQL, Jupyter Notebook, Matplotlib, Bootstrap, MongoDB, Git Bash, scikit-learn, Microsoft Access, Microsoft Power BI, Microsoft Excel

Languages: Python, VBA, SQL, HTML5, Excel, Spark, Javascript, CSS

PROJECTS

Wine Quality: <https://wine-quality2.herokuapp.com/>

A group project that used the chemical attributes of wine to create an app as a tool to predict the quality of a wine based on user inputs. The methodology and coding snippets are included in the app.

Tools/Languages used: scikit learn, python, matplotlib, Tableau, HTML, JS, CSS, Flask, Jupyter Notebook, Visual Studio Code, Heroku

Mission to Mars: <https://github.com/cselleck/web-scraping-challenge>

A project that uses a web page to scrape data from the NASA Mars website, and saves that information into a Mongo database for recall and display on the web page.

Tools/Languages Used: HTML, CSS, MongoDB, Flask, Python, BeautifulSoup, Jupyter Notebook, Visual Studio Code

Job Search Analysis: https://github.com/cselleck/The_Deadweights

A project that looked at job postings from across the country and analyzed the job descriptions, geographic locations, and company/industry information in order to find out if data analytics was a growing field, and which specific skill set would net you the most opportunities.

Tools/Languages Used: Python, Pandas, Matplotlib, gmaps, plotly, scipy, Jupyter notebook

EXPERIENCE

Varsity Tutors Online Tutor

09/20 – present

Online tutor for data science curriculum subjects. I currently instruct in VBA, Excel, Python, SQL, HTML, CSS, Javascript, Tableau, machine learning, and API

Auto Club of Missouri Insurance Agent

01/16 – present
St. Louis, MO

Used my knowledge of insurance and company guidelines to find solutions for clients and proper feedback to leadership

Key Accomplishments:

- Recognition award for team contribution, 2019
- Assigned to tech support team to assist clients with website issues
- Helped test and troubleshoot new GUI in 2018 as a user
- In both 2018 and 2019, our team met 125% to our goals

Allstate Insurance Insurance Agent

12/12 – 01/16
St. Louis, MO

Improved my knowledge of insurance and communication skills. Worked with several agents in my tenure with Allstate

Key Accomplishments:

- From 2013 to 2016, I was solely responsible for all operations in a satellite office
- Helped grow the agent's business to the second largest in St. Louis

EDUCATION

Certificate: Data Analytics, Washington University in St. Louis, St. Louis, MO

Licenses: Missouri Insurance for L&H, P&C: Licensed since 06/2012

Bachelor of Arts in English: Colgate University, Hamilton, NY

Independent Learning: Tableau Learning Certificate – Tableau Author