

Trevor W. Bower – Data Analyst

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Technical Skills

Excel: 10 years	Microsoft Office: 18 years	Google Sheets: 5 years
SQL/MySQL/SQLite: 2 years	Python: 2 years	R: 6 months
Tableau: 6 months	Git/GitHub: 1 year	Jupyter Notebooks: 6 months
Power BI: 2 months		

Data Analytics Experience

Real Estate Agent: Long & Foster Real Estate • Richmond, VA • 2019 – 2022

- Performed data analysis of multiple real estate markets daily & presented profitable opportunities to investor clients
- Provided potential seller clients complementary market analysis for their home including data visualizations using MLS tools
- Used Excel spreadsheets to create net proceed estimates for seller clients
- Performed market analyses & prepared predicted home-ownership cost spreadsheets with visualizations for buyer clients
- Used data visualizations to communicate action plans with clients, including transactions with multiple stakeholders
- Recognized for selling \$1 million of real estate in first year with the company while also working full-time as a first responder

General Manager: Pizza Hut • Midlothian, VA • 2016 – 2018

- Manually used predictive analytics to forecast sales based on past data
- Used Excel spreadsheets to track, calculate, manage, & order inventory
- Reviewed employee analytics to properly schedule staff while appropriately managing labor costs
- Conducted meetings with shifts & individual employees to review shift, individual, & total restaurant performance using spreadsheets, data visuals, & action plans

Real Estate Investor: 2019 – Present

- Use predictive analytics to project ROI & COC on potential investments
- Calculate monthly payments based on interest rates, taxes, insurance, & predicted maintenance, capital expenditures, & vacancies
- Use analytics to predict potential repairs & capital expenditures
- Create yearly profit & loss statements for tax purposes

Portfolio: All projects available at <https://t-bower-gh.github.io/portfolio-website>

Business Analysis for Marketing Opportunities (R, Excel, Jupyter Notebooks)

Performed analysis to help business identify & improve marketing strategies by pulling public datasets; cleaning, formatting, and analyzing data to identify trends & potential advantages; prepare data visualizations; & communicate an action plan based on results.

Relational Database Appointment Tracker (Java, MySQL)

Application allowing businesses to store customer information, schedule appointments, & assign representatives to each appointment. Includes time-zone & language localization, login functionality, & login history tracking.

Data Visualization & Machine Learning Prediction Tool (Python, SQLite, Scikit-learn, NumPy, PyPlot)

Program for fire departments to import and enter data in embedded database, predict call volume using machine learning, & receive apparatus resource recommendations. Includes login & import/export functionality & data visualizations of call volume values.

Interactive World Population Dashboard (Power BI)

Dashboard made in Power BI to visualize world population data using public datasets.

Web Scraper & Data Analysis with Excel (Python, Excel, BeautifulSoup, Pandas, Jupyter Notebooks)

Created DataFrame from scraping a web page & exported as Excel spreadsheet to analyze trends in the largest companies in the U.S., including data cleaning, restructuring, and creating data visualizations within Excel.

Other Experience

Firefighter/Advanced-EMT: Norfolk Fire-Rescue • Norfolk, VA • 2018 – 2021

Education & Certifications

Bachelor of Science: Computer Science: Western Governors University • August 2023

Google Data Analytics Certificate: Coursera • November 2023