

Trevor W. Bower

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Taylorsville, NC

Summary

Results-oriented Data Analyst & former first responder with expertise in real estate & business analytics, predictive modeling, & data-driven decision-making. Proficient in Excel, SQL, & Python to drive actionable insights, showcasing a proven track record of delivering data-driven solutions to optimize processes & drive decision-making.

Technical Skills

- Microsoft Office Suite
- SQL (MySQL, SQL Server, SQLite)
- Tableau
- Microsoft Power BI
- Python (Pandas, PyPlot, SK-Learn)
- R (TidyR, DplyR, GGPlot2)
- Java
- Machine Learning (Logistic & Linear Regression, Decision Trees, Random Forests)
- Google Sheets
- Git/GitHub
- Jupyter Notebooks
- HTML
- CSS
- Data Presentation
- Data Visualization
- Data Cleaning
- Problem Solving
- Data-Driven Decision Making

Data Analytics Experience

Hometown Realty, Long & Foster Real Estate – Richmond, VA – Real Estate Agent August 2019 – August 2022

- Analyzed real estate markets daily, identifying lucrative opportunities for investor leads, resulting in 68% more investor clients.
- Provided seller clients with comprehensive **market analyses & data visualizations**, leading to increased customer satisfaction.
- Created **Excel** net proceed estimates for potential seller clients, increasing conversion rates by 10%.
- Prepared predictive home-ownership cost **Excel sheets with visualizations** for buyer leads, streamlining the lead-to-client process.
- Used **data visualizations** to simplify & **communicate action plans**, enhancing collaboration in sales with multiple stakeholders.
- Managed & analyzed sales call, presentation, & marketing metrics in database, identifying trends to maximize conversion rates.

Pizza Hut – Midlothian, VA – General Manager August 2016 – January 2018

- Applied **predictive analytics** for accurate sales forecasting, ensuring optimal inventory & staffing levels to maximize profits.
- Used **Excel** for inventory tracking, calculation, & management, optimizing stock levels for seamless operations.
- Reviewed **employee analytics** to create precise schedules, minimizing overtime & reducing labor costs by 5-10%.
- **Conducted meetings** weekly to review restaurant metrics with **data visualizations & action plans**, resulting in receiving the “Over-a-Cheeser” award as a top store for upselling products & an “Excelling” evaluation from a company inspection.

Real Estate Investor June 2019 – Present

- Leverage **predictive analytics** to make successful investment decisions with a 15%+ return.
- Predict monthly payments using **Excel** for strategic financial planning.
- Apply **predictive analytics** to estimate potential repairs, vacancies & capital expenditures, ensuring proactive risk management.
- Create yearly **profit & loss statements** in **Excel** with **data visualizations** to create overall financial clarity.

Projects

HR Data Analysis with Machine Learning – Google Advanced Data Analytics Capstone Project – **Python, Pandas, SK-Learn**

- Used company survey data to reduce churn by predicting if an employee was likely to leave the company in **Python notebook**.
- Constructed **logistic regression, decision tree, and random forest** machine learning models using **SK-Learn & Pandas**.
- Created data visualizations using **PyPlot & Seaborn**.

Relational Database Appointment Tracker – University Project – **Java, MySQL**

- Coded application in **Java** for scheduling customer appointments & assigning company representatives, including time-zone & language localization, login functionality & login history tracking.
- Used **MySQL** to store information in relational database including customers, appointments, representatives, districts, and more.

Web Scraper & Data Analysis with Excel – Personal Project – **Python, Excel, BeautifulSoup, Pandas, Jupyter Notebooks**

- Created a **Python notebook** using **BeautifulSoup** to scrape information from web page into **Pandas DataFrame**.
- Exported & analyzed as **Excel** spreadsheet including cleaning, restructuring, and creating visualizations to find trends.

Education & Certifications

Bachelor of Science: Computer Science – Western Governors University

Google Data Analytics Certificate – Coursera

November 2023

Google Advanced Data Analytics Certificate – Coursera

December 2023

Microsoft Office Specialist: Excel 2019 Associate – Microsoft

December 2023

Tableau Desktop Specialist – Tableau

December 2023