

DASHIELL BRINGHURST

Data Scientist

 (912) 492-8798  dashbringhurst@gmail.com  [LinkedIn/DashBringhurst](https://www.linkedin.com/in/DashBringhurst)  [GitHub/DashBringhurst](https://github.com/DashBringhurst)

Military veteran bringing behavioral analysis and healthcare experience to a data science career. Trained in Python, MySQL, and all stages of the data science pipeline. Adaptable and detail-oriented; not intimidated by messy or unstructured data. Eager to provide data-driven solutions through analysis, innovation, and collaboration.

TECHNICAL SKILLS

Python - SQL - Tableau - Matplotlib - MySQL - pandas - NumPy - Spark - Git - Applied Statistics - Machine Learning - Natural Language Processing - Data Storytelling

DATA SCIENCE PROJECTS

Team Capstone Project - Honeybee Colony Loss

- Collaborated with two data scientists to develop linear regression models with time series elements from USDA data to predict honeybee colony loss based on bee health, transience, and beekeeper-to-colony ratios
- Delivered a final model that beat baseline RMSE by 59.3 percent; presented findings to a mixed technical and non-technical audience
- Environment: Jupyter Notebook, Visual Studio Code, Tableau, Plotly, Canva

Individual Classification Project - US Vehicle Accident Dataset

- Created four classification models using scikit learn to predict accident severity by analyzing temporal and environmental data from a dataset of over 2 million observations
- Best model accurately predicted accident severity 34 percent above baseline predictions
- Environment: Jupyter Notebook, Visual Studio Code

Natural Language Processing Paired Project - Github READMEs

- Acquired, cleaned, and lemmatized a custom text dataset of READMEs based on trending Github repositories
- Developed models using vectorizers, n-grams, and feature engineering to predict the repository's programming language
- Environment: Jupyter Notebook, Visual Studio Code, Canva

Individual Regression Project - Zillow Dataset

- Trained and evaluated multiple regression models to improve Zillow's Zestimate accuracy using feature engineering and selection
- All models performed above the baseline RMSE for assessed tax value of single-family residences in California
- Environment: Jupyter Notebook, Visual Studio Code

Individual Classification Project - Predicting Churn: Telco Dataset

- Analyzed dataset from a telecommunications company and developed classification models (decision tree, random forest, K nearest neighbors, logistic regression) to predict customer churn
- Environment: Jupyter Notebook, MySQL, Visual Studio Code

PROFESSIONAL EXPERIENCE

Brooke Army Medical Center - San Antonio, TX

Pharmacy Technician / Jul 2015 - Jun 2018

- Accessed pharmacy databases and entered prescriptions using a command line interface
- Performed maintenance and troubleshooting on pharmacy robotics and automation equipment
- Prioritized patient safety by communicating with pharmacists and physicians about potential drug interactions

United States Army - Fort Gordon, GA

Pharmacy Supervisor / Nov 2012 - Jul 2015

- Analyzed data to improve refill automation and reduced customer wait times by 20 percent
- Managed 12 employees and over \$1.7 million worth of pharmaceuticals and robotics equipment
- Trained technicians on aseptic technique for injectable medications, adult and pediatric dosage calculations, and drug interactions

EDUCATION

Codeup

Certification of Completion

Jun 2022 - Oct 2022

Fully-immersive, project-based 20-week career accelerator that provided me with 670+ hours of expert instruction in applied data science. Developed expertise across the full pipeline (planning, acquisition, preparation, exploration, modeling, storytelling), and become comfortable working with real, messy data to deliver actionable insights to diverse stakeholders.

University of Texas - San Antonio

Bachelor of Arts - Psychology

Aug 2019 - Aug 2021

Completed four years of undergraduate psychology studies focusing on experimental psychology; Summa cum Laude