

DAVID SCHNEEMANN

Data Scientist

Highly adaptable and detail-oriented data scientist with strong background in analytics, leadership, and organizational development. Eager to learn and grow as a data science practitioner in service of business objectives and organizational excellence. Comprehensive knowledge of the data science pipeline, from data acquisition to modeling and client delivery. Offering a unique and well-rounded skillset with a background in real-world problem solving.

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TECHNICAL SKILLS

- ◆ Python
- ◆ SQL
- ◆ Tableau
- ◆ Git
- ◆ MySQL
- ◆ Matplotlib
- ◆ Pandas
- ◆ NumPy
- ◆ TensorFlow
- ◆ Spark
- ◆ Applied Statistics
- ◆ Machine Learning
- ◆ Data Visualization
- ◆ Data Storytelling
- ◆ Natural Language Processing

EDUCATION

Codeup – Data Science

October 2022

Certificate of Completion

Fully immersive, project-based 20-week career accelerator that provides students with 670+ hours of expert instruction in applied data science. Students develop expertise across the entire data science pipeline (planning, acquisition, preparation, exploration, modeling, delivery), and become comfortable working with data to deliver actionable insights to diverse stakeholders.

University of Michigan

September 2018 – May 2021

BA in Organizational Development

Minor in Entrepreneurship

- GPA: 3.7/4.00 | University Honors

EXPERIENCE

US ARMY

August 2013 – October 2017

75th Ranger Regiment

Team Leader (Front Line Supervisor)

After completing assessment and selection program, was chosen to be a Special Operations Team Leader.

Led a team of 4 personnel over 2 years providing logistics support while maintaining a perfect safety record and 100% accountability for assigned equipment. Performed risk analysis on 60+ team missions resulting in a mission success rate of 100%.

Director of Air Logistics

Spanning 3 deployments, coordinated air logistics and strengthened communication networks for a remote base of 400 personnel. Synchronized movement of over 2000 personnel and 1 million lbs. of equipment and supplies. Furthermore, managed warehouses and supply distribution points housing supplies and equipment worth \$30 million. Created complete instructional handbook enabling seamless transitions between future directors. Awarded Medal of Excellence by Special Ops Command General.

Administrative Analyst and Technology Lead

In this client-facing position I provided desktop, network, and print systems analysis to the CEO and 15 staff members daily enabling completion of critical operations.

In administrative analyst role, implemented an advanced electronic health records system improving clinical team efficiency by 50 hours/week.

DATA SCIENCE PROJECTS

ROI Analysis of College Majors | Capstone Project

October 2022

Cluster Modeling

This project analyzed return on investment factors for US college predominant majors. We used Dept of Education data to identify statistically significant metrics utilizing advanced feature engineering and PCA dimensionality reduction to predict ROI of predominant college majors. We created a Tableau Dashboard that allows a user to navigate all relevant data by state, college, and major. Our model beat baseline by 5%.

Oil Price Prediction

September 2022

Time Series Analysis

Utilizes time series analysis to predict the future price of WTI crude oil. Oil price is pulled from Yahoo Finance API. Runs daily price and future price forecasts using historical pricing from 1995 to now. Price predictions are compared against Twitter Sentiment gathered via NLP.

Predicting Programming Language

September 2022

Natural Language Processing with Classification Modeling

The goal of this group project was to classify the programming language of GitHub repositories by analyzing ReadMe file text data. We used an API to scrape ~1000 popular GitHub repositories. We ran sentiment analysis to determine optimal feature engineering. Our model beat baseline by 115%.

US Airline Delay Prediction

August 2022

Linear Regression Modeling

Predicts flight delay using Harvard database flight data. Analyzes 7,000,000+ flights to determine when delays occur and why to provide actionable insight on how to best avoid them. My analysis found that carrier delays (JetBlue, American Airlines, etc.) appear to be most prominent and longest on average of all delays. My model beat baseline by 9%.