

Andrew Brock

Data Analyst | Martinsburg, WV

SUMMARY

Data Analyst with a background in Mathematics, proficient in thinking analytically to determine useful insights, and utilizing those findings to guide decision-making through comprehensive reporting and dynamic data visualizations.

TECHNICAL SKILLS

Excel	SQL
Tableau	Python
R	Jupyter

EDUCATION

FEB 2024

Data Analytics Program
CareerFoundry

FEB 2022

Data Analytics Professional
Certificate
Google

DEC 2014

B.S. Mathematics
B.A. Secondary Education
Fairmont State University

PHONE | 304.261.4341

EMAIL | ABROCK304@GMAIL.COM

WEBSITE | [ABROCK304.GITHUB.IO](https://abrock304.github.io)

LOCATION | ON SITE / REMOTE

PROJECTS

OCT 2021 - CURRENT

Data Analytics Projects | CareerFoundry | Google | Personal

Brazilian E-Commerce by Olist | Gain insights on how to grow the business

- Wrangle, clean, merge data with Jupyter Notebooks.
- Exploratory analysis, descriptive statistics, create new variables, drop unnecessary columns, identify trends.
- Identify key metrics to emphasize popular products.
- Create dashboards and story for final report in Tableau.
- Use previous sales data to determine where to grow the business.

Rockbuster Stealth Movie Rentals | Transition to online streaming service

- Utilize DBVisualizer to display ERD for good data understanding.
- Create a data dictionary for easy interpretations and analysis.
- Write complex queries including JOINS, CTEs, dynamic subqueries, and more to gain answers to business questions.
- Create custom dynamic visualizations with Tableau that display the most popular movies to launch the online streaming service with.
- Prepare final report with PowerPoint, Excel, and Tableau Dashboards.

Additional Projects Available at: abrock304.github.io

EXPERIENCE

AUG 2014 - CURRENT

Math Teacher | Musselman High School | Berkeley County Schools, WV

Record and analyze testing data over multiple platforms. Identify trends and insights to motivate teaching strategies.

Compare data to county, state, and nation to recognize low categories.

Create lessons with complicated ideas and break them down into manageable steps so that learning becomes easier.

Volunteer additional time outside of school to help with various school activities including sporting events, Prom, Graduation, and many others.

AUG 2014 - CURRENT

Musselman High School Assistant Track & Field Coach

Manage and teach groups of high school students' work ethic and teamwork.

Motivate and encourage athletes through different techniques and strategies. Build positive relationships with athletes and coaches.