

# Analiiese Shanton

Data Analytics Engineer

## Profile

I am a Data Analytics Engineer with over 2 years of professional experience. I have a strong background in data engineering, data mining, data visualization, and machine learning. I have developed and deployed data applications to enable better decision-making and improve operational efficiency. I have expertise in leveraging data to improve customer experience, drive sales, and reduce costs. I have worked with multiple databases such as Oracle, MongoDB, and PostgreSQL to build data pipelines and data warehouses. I have also successfully designed and implemented data warehouses for various organizations. Additionally, I have created data visualizations for various stakeholders to help them make informed decisions. I am also proficient in using predictive analytics and machine learning algorithms to generate insights from data.

## Employment History

### Senior Data Analytics Engineer at Fusion Technology Solutions, WV

Dec 2022 - Present

- Developed a predictive analytics model for Fusion Technology Solutions, WV, that resulted in a 10% increase in overall sales revenue. This model incorporated machine learning techniques and utilized web-scraped data along with internal data sources.
- Implemented a data warehouse at Fusion Technology Solutions, WV, that automated the data retrieval process and reduced the time required to generate reports from 3 days to 1 hour.
- Created an automated data pipeline that collected and processed data from over 500 external sources, resulting in an 80% reduction in manual data processing time.

### Data Analytics Engineer at First Data Corporation, WV

Jul 2021 - Nov 2022

- Developed a data analytics platform that increased customer engagement by 25% within two months at First Data Corporation, WV. This included building a data pipeline to streamline data processing and implementing predictive analytics models to improve customer segmentation.
- Developed an automated data mining system that reduced manual data entry by 40%, improving data accuracy and enabling more efficient data analysis.
- Utilized machine learning algorithms to detect fraudulent transactions and identify high-risk customers, resulting in a 30% reduction in false positives.

## Education

### Bachelor of Science in Data Analytics Engineering at West Virginia University, Morgantown, WV

Sep 2017 - May 2021

Relevant Coursework: Algorithms, Software Engineering, Database Systems, Programming, Data Mining, Data Analysis, Machine Learning.

## Details

[analiiese.shanton@gmail.com](mailto:analiiese.shanton@gmail.com)

(747) 615-8776

Charleston, WV

## Links

[linkedin.com/in/analiieseshanton](https://linkedin.com/in/analiieseshanton)

## Skills

SQL

Python/R

Data Visualization

Machine Learning

Statistical Analysis

Big Data Technologies

Business Intelligence

## Languages

English

German

## Hobbies

Programming

Machine Learning

Data Visualization