

DATA ENGINEER | DATA ANALYST | BUSINESS INTELLIGENCE SPECIALIST

Driving Data Excellence: Transforming Complex Data into Powerful Insights and Scalable Solutions

Innovative and results-driven Data Engineer, Data Analyst, and Business Intelligence Specialist with over 5 years of expertise in designing and optimizing scalable data solutions, ETL pipelines, and cloud-based infrastructures. Adept at leveraging advanced tools such as Python, SQL, Tableau, and Power BI to deliver actionable insights, automate workflows, and enhance decision-making processes. Proven track record in building robust data architectures, managing large datasets, and creating dynamic dashboards to support business intelligence strategies. Skilled in statistical modeling, data wrangling, and cloud compliance using AWS and Google Cloud, driving a 30% improvement in system performance and operational efficiency. Recognized for collaborating with cross-functional teams to develop data-driven solutions that align with organizational goals. Certified in AWS Cloud Practitioner, AWS Solutions Architect and AWS Data Engineer with expertise in ETL processes, reporting automation, and KPI development. Adept at building automated data quality tests, integrating validation frameworks into CI/CD pipelines, and collaborating with cross-functional teams to enhance data governance.

CORE COMPETENCIES

- Experienced in designing and optimizing data pipelines, ETL processes, and database systems to support scalable data-driven solutions and enhance business intelligence capabilities.
- Proficient in creating interactive dashboards and reports using Power BI and Tableau, enabling leadership to make data-informed decisions in real time.
- Demonstrated expertise in cloud platforms such as AWS and Google Cloud, with a focus on data compliance, security, and real-time monitoring solutions.
- Adept at leveraging programming languages such as Python and SQL for advanced data analysis, automation, and performance optimization.
- Skilled in statistical modeling, data visualization, and predictive analytics to identify trends and opportunities that drive business growth and operational efficiency.

KEY SKILLS

- |                          |                                |                        |
|--------------------------|--------------------------------|------------------------|
| • Project Management     | • Business Process Improvement | • Logistical Operation |
| • Acquisition Management | • Supply Chain Operations      | • Policy Management    |
| • Facilities Management  | • Change Management            | • Strategic Planning   |

TECHNICAL EXPERTISE

- Programming Languages: Python, SQL, R
- Data Analysis Tools: Pandas, NumPy, Matplotlib, Seaborn
- Visualization Tools: Power BI, Tableau

- Agile Methodologies – Working in Agile/Scrum environments, participating in sprints, code reviews.
- ETL & Data Warehousing – Designing, building, and optimizing data pipelines.
- Advanced SQL – Writing complex queries, performance tuning, and database optimization.
- Programming – Python (data automation, testing frameworks); Familiar with Java.
- Data Quality & Testing – Creating automated validation scripts, anomaly detection, data profiling.
- Cloud & Big Data – AWS, Databricks, Snowflake, data governance best practices.
- CI/CD & Data Quality Monitoring – Implementing automated data quality checks within pipelines.
- Database Management Systems: Teradata, SQL Server, MySQL, Microsoft Access, VRDC.
- Cloud Platforms: AWS (Certified Cloud Practitioner, Solutions Architect Associate), Google Cloud
- ETL Tools and Data Pipelines: Designing and implementing scalable ETL workflows
- Automation and Reporting: Developing automated reporting systems with Python and SQL
- Big Data Tools: Hadoop, Spark (if applicable based on expertise)
- Enterprise Systems: SAP, ERP, CMMS
- Compliance and Monitoring Tools: Cloud monitoring solutions, ensuring data security and regulatory compliance

## WORK EXPERIENCE

### LEAD TECHNICAL OFFICER

Splish Inc, Wilmington, DE

September 2024 – Present

Splish Inc is a data-driven organization specializing in innovative solutions to improve operational performance and drive business growth. In this role, I lead technical initiatives, oversee data engineering projects, and collaborate with crossfunctional teams to deliver advanced analytics, reporting, and system optimizations aligned with organizational goals.

- **Develop** and managed multi-source data sets, driving strategic departmental initiatives and enhancing decision-making accuracy.
- **Engineer** seamless API integrations, optimizing front-end and back-end communication for streamlined system performance.
- **Design and implemented** robust ETL pipelines, improving data accessibility and reducing system inefficiencies.
- **Automate** reporting processes using Python and SQL, cutting manual reporting time and increasing productivity.
- **Collaborate** with cross-functional teams to deliver actionable insights, refining technical strategies for impactful outcomes.
- **Deploy** innovative progressive web app technologies, boosting accessibility and enabling offline functionality.
- **Monitor and optimize** KPIs and system performance, aligning deliverables with overarching organizational goals.
- **Optimize** application performance, enhancing user experience and operational efficiency.

#### **Key Achievements:**

- **Enhanced Data Accessibility:** Spearheaded the development of ETL pipelines, enabling rapid data retrieval and reducing system downtime.
- **Increased Efficiency:** Automated complex reporting systems, improving operational workflows and saving over 300 staff hours annually.
- **Improved Business Outcomes:** Delivered data-driven insights that directly contributed to a 15% increase in revenue growth.
- **Leadership Excellence:** Directed cross-functional teams to achieve high-impact project milestones ahead of schedule.
- **Innovative Solutions:** Introduced advanced monitoring systems, ensuring compliance and boosting organizational trust in real-time data accuracy.

### DATA ANALYST INTERN (Remote)

Shizbeth LLC, Houston, Texas

June 2020 – October 2024

Shizbeth LLC is a technology company specializing in data analytics, transportation solutions, and intelligence-driven innovations. In this role, I contributed to improving operational efficiency and enabling data-driven strategies through advanced analytics and automation.

- **Developed** SQL queries and Python scripts to streamline data wrangling and automate processes, increasing efficiency.
- **Designed and implemented** interactive dashboards in Power BI, providing visual insights into KPIs and performance metrics
- **Created and maintained** test scripts and frameworks for data validation, reducing data inconsistencies by 30%.
- **Integrated data quality checks** into CI/CD pipelines, ensuring continuous monitoring and early detection of issues.
- **Developed data quality dashboards** and alerts, allowing stakeholders to track key data health metrics in real time.
- **Collaborated with data engineers** and product owners to optimize data pipelines and enforce governance standards.
- **Participated in code reviews and implemented** best practices to enhance overall data quality processes.
- **Conducted** exploratory data analysis (EDA) to identify trends and improve operational efficiency.
- **Automated** reporting workflows using advanced SQL queries, Python scripts, and dashboards, enhancing team performance.
- **Collaborated** with cross-functional teams to transform business requirements into actionable data models and reports.
- **Performed** data cleaning and analysis, uncovering opportunities for process optimization and revenue growth.
- **Delivered** insights that informed strategic decision-making, aligning business strategies with analytical findings.

#### **Key Achievements:**

- **Boosted Operational Efficiency:** Automated repetitive processes, saving over 200 hours annually for the team.
- **Optimized Service Delivery:** Improved transportation efficiency by 10% through data-driven analysis and recommendations.
- **Enhanced Reporting Accuracy:** Developed robust data pipelines and dashboards, reducing reporting errors by 20%.
- **Fostered Collaboration:** Partnered with cross-functional teams to create scalable and actionable data solutions.

### **DATA INTELLIGENCE ANALYST INTERN**

BICC, Bridgeport, CT

April 2024 – September 2024

- **Streamlined** data preprocessing workflows using Python, reducing preparation time and accelerating project timelines.
- **Performed** advanced data analytics to uncover trends and deliver actionable insights, enabling informed decision-making across departments.
- **Built** ETL pipelines and data warehouse solutions, ensuring efficient data ingestion and transformation.
- **Optimized** SQL queries for performance tuning, reducing query execution time by 40%.
- **Conducted** data profiling and validation to detect inconsistencies, improving overall data reliability
- **Designed and implemented** real-time Tableau dashboards, enhancing visibility into critical performance metrics and facilitating strategic planning.
- **Influenced** executive decisions by presenting comprehensive insights, directly contributing to a 15% improvement in operational processes.

#### **Key Achievements:**

- **Accelerated Data Workflows:** Automated complex manual tasks, saving significant time and increasing overall efficiency.
- **Enhanced Executive Insight:** Developed interactive dashboards that empowered leadership with data-driven visibility and foresight.
- **Operational Excellence:** Delivered actionable strategies that resulted in measurable performance improvements across the organization.

### **GRADUATE TEACHING ASSISTANT**

University of Bridgeport, Bridgeport, CT

April 2024 – September 2024

The University of Bridgeport, a renowned institution focused on academic and professional development, provides students with cutting-edge learning experiences. In this role, I supported faculty and students, enhancing their proficiency in advanced analytics and research methodologies.

- **Mentored** graduate students in mastering data analysis and visualization techniques, utilizing Power BI and Excel to build actionable insights.
- **Delivered** constructive feedback on analytical assignments, fostering technical growth and critical thinking among students.
- **Conducted** research projects, including data collection, statistical analysis, and drafting research papers on advanced analytics topics, contributing to academic excellence.
- **Enhanced** curriculum by designing and grading complex analytical projects, improving students' technical competencies and real-world application skills.

**Key Achievements:** • **Elevated Student Performance:** Guided students to achieve a 25% improvement in project outcomes through personalized mentoring.

- **Contributed to Academic Research:** Authored impactful research papers that advanced the university's focus on analytics education.
- **Improved Curriculum Quality:** Introduced innovative data visualization techniques, enriching the learning experience for

EDUCATION

University of Bridgeport, Bridgeport, CT.  
Master of Science in Analytics and Systems, July 2022 - May 2024 **Major:**  
Data Analytics, Cloud Compliance

Afe Babalola University  
Bachelor of Science in International Relations and Diplomacy, Jan 2015 - Dec 2019

CERTIFICATIONS

- Valedictorian, Graduate Class of 2024
- AWS Certified Cloud Practitioner
- AWS Solutions Architect Associate
- AWS Data Engineer
- SAS Programming 1: Essentials
- Ethical Hacking & Network Security