

Dinesh Alla

Data Analyst

732-777-8804 | dineshwilm@gmail.com | PA

SUMMARY

Detail-oriented and self-motivated **Data Analyst** with a **Master's degree in Information Systems Technology** and over 2 years of experience in **data analysis, visualization, SQL, Salesforce, and process optimization**. Proficient in leveraging **Python, Power BI, Jupyter Notebooks, SQL, and Salesforce** to derive actionable insights, optimize business operations, and support data-driven decision-making. Seeking to apply my technical skills in data analysis, automation, and cloud technologies to drive impactful results in a dynamic role.

EDUCATION

Master in Information Systems Technology | Wilmington University – USA

Bachelor's Degree | Vignan's University – India

TECHNICAL SKILLS

Programming Languages: Python, R, SQL

Data Analytics & Visualization: Power BI, Tableau, Microsoft Excel, Salesforce, Jupyter Notebooks

Libraries & Frameworks: Pandas, NumPy, Matplotlib

Databases: PostgreSQL, MySQL, SQL Server, Oracle

Cloud Technologies: AWS (S3, Lambda, Athena, Glue, CloudWatch), Databricks, Azure

ETL & Data Management: SSIS, Data Profiling, Data Migration, ETL, Data Integration

Salesforce: Data integration, report generation, and analysis, Salesforce Analytics Cloud

Methodologies: Agile, SDLC, Waterfall

Tools: Power BI, Jupyter Notebooks, SSAS, Microsoft Office (Word, Excel, PowerPoint)

Operating Systems: Windows, Linux

CERTIFICATIONS

- **Tableau Desktop Specialist** Certification

- **Microsoft Power BI** Data Analyst Associate (In Progress)

- **SQL** for Data Analytics Certification (In Progress)

PROFESSIONAL EXPERIENCE

GE Aerospace, USA | July 2024 – Present | Data Analyst

- Employed **Agile Methodology** to enhance project life cycles, focusing on the design and development of **dynamic reports** and dashboards, optimizing project management efficiency.
- Conducted **data cleaning, exploratory analysis, and visualization** using **Python, R, and SQL**, generating actionable insights from large datasets.
- **Built and maintained interactive dashboards** in **Power BI and Tableau**, reducing the time spent on data exploration by 40% and providing real-time insights for decision-making.
- Applied **Python libraries** such as **NumPy, Pandas, and Matplotlib** to develop and implement various data analysis algorithms, improving data processing by 100%.
- Managed and optimized **MySQL databases** to ensure data integrity, query performance, and seamless integration with analytics systems.

Accenture, India | Sep 2021 – Dec 2022 | Data Analyst

Engaged in end-to-end **data analysis** processes including **data extraction, transformation, loading (ETL)**, cleaning, and **visualization** using **SQL, Python, and R**.

Developed and executed SQL queries to extract, transform, and load (ETL) data from multiple sources into MySQL and SQL Server databases, reducing processing time by 25%.

Designed and optimized database schemas, improving query performance by 30%.

Created SQL scripts to automate data validation, ensuring consistency and accuracy in reports.

Enhanced Tableau proficiency by 25%, creating interactive and insightful dashboards that provided stakeholders with critical data insights.

Utilized **SQL** to extract, transform, and load data from multiple sources into **MySQL** and **SQL Server**, improving data processing times by 25%.

Configured and optimized cloud resources on **AWS**, improving data processing and analytics performance by 20%.

Applied **Salesforce** to integrate and generate reports from customer data, enhancing insights into sales and service activities.

Built and maintained Tableau dashboards using SQL-based datasets to provide actionable business insights.

Collaborated with cross-functional teams to refine database structures and optimize data management processes.

PROJECTS

Healthcare: Patient & Treatment Analysis

- Analyzed patient demographics, treatment patterns, and outcomes to identify opportunities for operational efficiency.
- Developed **interactive dashboards** using **Power BI** to monitor healthcare KPIs in real-time.

E-commerce: Sales & Customer Analytics

- Conducted **customer segmentation** and **sales trend** analysis to improve revenue forecasting by 20%.
- Utilized **SQL** for data extraction and manipulation, facilitating accurate and actionable insights.

Energy: Power Consumption & Emission Analysis

- Designed **data-driven solutions** to optimize energy usage and reduce emissions by **15%**.
- Employed **Python** and **SQL** to analyze energy consumption data from diverse sources.

Retail: Sales & Customer Insights Dashboard

- Built a **Tableau dashboard** for visualizing sales performance, identifying key growth opportunities, and improving decision-making.
- Utilized **SQL** for querying and processing large retail datasets.

Salesforce: Customer Insights & Analytics

- Integrated **Salesforce** data to provide insights into customer behavior and sales trends.
 - Designed automated **reports** and **dashboards** to streamline decision-making for sales and marketing teams.
 - Leveraged **Salesforce Analytics** Cloud for in-depth reporting and improved customer segmentation.
 - Optimized data flow between Salesforce and other business systems to enhance overall CRM effectiveness.
-