

# MANASA ALE

manasa.92009@gmail.com | 469-213-0646

Irving, Texas, United States 75063 | [LinkedIn](#)

## SUMMARY

- 5+ years of hands-on experience in data analysis, demonstrating a solid foundation and proven track record in delivering insightful data-driven solutions.
- Proficiency in employing Agile and iterative methodologies for data analysis, ensuring flexibility and responsiveness to evolving project requirements and stakeholder needs.
- Extensive expertise in Python-based environments, proficient in performing data analytics, wrangling, and extracting data from Excel. Skilled in utilizing libraries such as NumPy, Pandas, Matplotlib, and SciPy.
- Experienced in visualizing complex datasets with tools like Tableau, Power BI, and Google Data Studio, effectively translating analytical insights into actionable stakeholder recommendations.
- Extensive experience with cloud technologies, including AWS, Azure, and Google Cloud Platform (GCP), enabling scalable and efficient data storage and processing solutions.
- Strong command of SQL, capable of writing complex queries and subqueries to retrieve data from various databases, including MySQL and SQL Server, enhancing data manipulation and extraction skills.
- Conducted extensive data analysis and interpretation, employing statistical methods and algorithms to identify and analyze patterns, trends, and correlations within the data.

## SKILLS

**Methodologies:** SDLC, Agile, Waterfall **Language:** Python, R, SQL, SAS **IDEs:** Visual Studio Code, PyCharm, Jupyter Notebook **Packages:** NumPy, Pandas, Matplotlib, Seaborn, SciPy, Scikit Learn, ggplot2 **Reporting Tools:** Tableau, Power BI, Microsoft Excel **Cloud Technologies:** AWS, GCP, Azure, DataBricks **Database:** MySQL, SQL Server, PostgreSQL, Oracle, MongoDB

**Version Control Tools:** Git, GitHub, GitLaB **Other Skills:** Data Cleaning, Data Wrangling, Critical Thinking, Communication Skills, Presentation Skills, Problem-Solving, Data Analytics, Decision-making, Data Architecture, Data Management **Operating System:** Windows, Linux, Mac

## EXPERIENCE

### LexisNexis Risk Solutions, USA | Jan 2023 - Present | Business Analyst

- Developed and implemented fraud detection models for account management systems, improving detection accuracy by 30% using SQL and Python.
- Analyzed transaction data and created dashboards with Tableau and Power BI, reducing false positives by 25% and enhancing visibility into fraud trends.
- Collaborated on refining fraud detection algorithms, increasing alert precision by 20% and decreasing response times by 15%.
- Prepared documentation including functional specifications, process flows, and user guides to support system implementations and enhancements.
- Automated data monitoring tasks, increasing efficiency by 40% and improving fraud response time with real-time analytics on Google Cloud.
- Presented findings and recommendations to senior management, leading to a 10% decrease in fraud incidents through actionable insights.

### Maxicure Pharma Pvt LTD., India | 01/2020 – 08/2021 | Strategic Business Analyst

- Utilized Agile methodologies to effectively manage and streamline data analysis projects, ensuring continuous and efficient progress.
- Performed in-depth analysis of academic requirements using Python, creating detailed ad-hoc reports that reduced the response time for data requests by 20%.
- Showcased proficiency in SQL querying, data manipulation, and optimization, developing complex SQL scripts to clean, preprocess, and improve the quality and accuracy of data for analyzing large educational datasets.
- Generated weekly and daily analytical reports with Tableau, providing insights that contributed to a 30% increase in data-driven decision-making within the organization.
- Leveraged AWS services, specifically EC2 for computing and S3 for storage, to optimize cloud-based solutions.
- Utilized MongoDB for efficient non-relational data storage and retrieval, employing NoSQL techniques.
- Developed and delivered comprehensive training modules in data analytics and statistical methods, resulting in a 30% enhancement in the team's technical skills.

### Settle Metal, India | 08/2017 – 12/2019 | Data Analyst

- Utilized Software Development Life Cycle (SDLC) and Waterfall methodologies to manage and execute data projects, ensuring timely delivery and exceptional quality.
- Developed and optimized SQL queries and procedures to enhance data retrieval and manipulation, significantly improving overall processing efficiency.
- Conducted extensive data analysis using SAS and Scikit-learn to build predictive models and perform statistical analyses, aiding data-driven insights and strategic business decisions.
- Leveraged advanced data manipulation and analysis libraries such as NumPy, Pandas, Matplotlib, SciPy, ggplot2, and Scikit-learn to derive insights and support decision-making processes.
- Created and implemented interactive Power BI dashboards and reports, facilitating cross-departmental data-driven decision-making and boosting operational efficiency by 25% in the first quarter.
- Performed regular maintenance and backups of MS SQL Server, ensuring data availability and preparedness for disaster recovery situations.
- Demonstrated strong critical thinking, communication, and presentation skills, effectively translating complex data insights into actionable business strategies.

## EDUCATION

Master of Business Analytics | University of North Texas, Denton TX

2023

## CERTIFICATIONS

Salesforce Administration Certification