

SATVIK SIDDABATHULA

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OBJECTIVE

Data Analyst with 3 years of expertise in ETL, Big Data technologies, Statistical Analysis and Data Visualizations. Adept at enhancing and maintaining data-driven solutions, I aim to contribute to projects by ensuring quality and timely delivery.

SKILLS & CERTIFICATIONS

Programming Languages: Python, SQL, Java

BI & Data Visualization Tools: Tableau ([Tableau Public Profile](#)), Qlik Sense, Power BI, Microsoft Excel

Data Management & Analysis: ETL Processes, Data Cleaning, Data Mining, SAS, Statistical Analysis

Methodologies: Agile, SDLC, CI/CD

Certifications: IBM Data Science Professional Certification, Data Science for Engineers by NPTEL

PROFESSIONAL EXPERIENCE

Data Engineer, Analyst-1 | *Siritek Inc, Rolling Meadows, IL*

Aug 2022-July 2024

- Led the migration of 1 million+ medical health records using **Python** and **SQL**, optimizing **ETL processes**, which decreased retrieval times by **35%**, enhancing data-driven decision-making and operational efficiency.
- Utilized machine learning algorithms to analyze complex health records, leveraging SQL and Python to boost data accuracy by 30% and unveil critical insights through dynamic **Qlik Sense** reports integrated with **Databricks**.
- Developed interactive **Tableau** dashboards to visualize key financial metrics, enabling stakeholders to identify underperforming areas, leading to a **20%** increase in revenue.
- Enhanced the user interface of the company dashboard using **HTML**, **CSS**, and **React.js**, leading to a **63% increase** in user satisfaction and improved data-driven decision-making processes, used by over **10,000 users**.

Data Analyst | *Tech Mahindra limited., India*

May 2021- July 2022

- Conducted comprehensive analysis of financial transactions and market data, enhancing predictive accuracy by **20%** for financial forecasting, and improving risk management strategies.
- Designed and developed **SQL** and **Excel-based** dashboards to visualize financial metrics, ensuring regulatory compliance and improving financial performance tracking.
- Automated routine data processing tasks using **Python**, enhancing code maintainability and reducing manual workload by **30%**, which increased overall team efficiency and supported **CI/CD practices**.
- Collaborated in **Agile, Scrum-based** project teams to deliver analytical solutions on time, promoting iterative improvements and aligning with application development and security protocols.

EDUCATION

University of Illinois- Chicago, Chicago, IL

Aug 2022 - May 2024

Master of Science in Business Analytics

CGPA: 3.61/4.00

Relevant Courses: Big Data Analytics, Enterprise Database Management, Supply Chain Analytics, Data Science & Analytics, Predictive Analytics, Data Storytelling, Machine Learning, Advanced Database Management, Business Data Visualization.

Jawaharlal Nehru Technological University Hyderabad, India

May 2018 - May 2022

Bachelors of Technology in Computer Science

CGPA: 3.52/4.00

PROJECTS

- [Machine Learning Model for Automated Offensive Comment Filtering: A solution To Promote a Safer Online Community](#)
- [Tableau Supermarket KPI Monitoring Dashboard: Optimizing Retail Performance and Customer Insights](#)
- [Machine Learning Model To Predict Heart Failure: Enhancing Early Detection and Patient Care](#)
- [EDA On Global Suicide Trends: A Socioeconomic and Demographic Analysis](#)