

# Nityanand Madpathi

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## SUMMARY

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Data Analyst with 3 years of experience in data analytics and data engineering. Skilled in Python, SQL, Tableau, and Power BI to deliver actionable insights. Proficient in data modeling, statistical analysis and cloud technologies. Strong collaborator with excellent communication skills, adept at working across teams in Agile environments to drive business decisions and empower stakeholders with clear, data-driven insights.

## EDUCATION

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### Master of Science in Computer Science

Wichita State University, Kansas. **GPA: 4.0**

**August 2022 - May 2024**

### Bachelor of Engineering in Computer Science

CVR College of Engineering, Hyderabad, India . **GPA: 3.62**

**August 2015 - April 2019**

## WORK EXPERIENCE

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### Senior Data Analyst

Great Learning – Hyderabad, India

**October 2021 – June 2022**

- Delivered business insights and strategies using predictive models, leading to a 200% revenue increase through targeted customer campaigns.
- Created and optimized interactive dashboards in Tableau to track key performance indicators (KPIs) supporting strategic decision-making for senior management.
- Collaborated with cross-functional teams to implement ETL workflows in a data warehouse, improving data processing efficiency by 20% and ensuring accuracy across multiple platforms.
- Generated actionable insights that improved customer retention by 30% and increased lead conversion rates by 40%.

### Data Analyst

Capgemini – Bengaluru, India

**May 2019 – October 2021**

- Developed ad-hoc reports and dashboards using SQL and Tableau, providing real-time insights on retail performance metrics, leading to optimized inventory and sales strategies.
- Conducted root cause analysis on data anomalies, leading to improved data integrity and the implementation of more robust data validation protocols, which reduced reporting errors by 15%.
- Applied statistical techniques to improve financial forecasting accuracy by 30% in retail and banking sectors, optimizing resource allocation and reducing operational costs by 18%.
- Automated data processes and developed comprehensive data models, increasing operational efficiency by 25% and enabling detailed data analysis for business operations.
- Led a cross-functional initiative and conducted A/B testing to optimize marketing strategies, resulting in a 20% increase in campaign effectiveness.

## SKILLS

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- Programming/Libraries:** Python, SQL(MySQL, MS SQL, PostgreSQL), R, Java
- Platforms & Tools:** Tableau, Power BI, Excel, Google Sheets, AWS, Azure, GCP

## PROJECTS

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### Energy Utilization and Peak Hour Insights with Tableau

- Crafted a Tableau dashboard to illustrate solar energy utilization, focusing on peak hour insights, capacity trends, and seasonal performance across multiple sites.

### HR Budget Optimizer using MS SQL and Power BI

- Analyzed HR data by structuring employee, salary, and project details with SQL (joins, CTEs) and developed a Power BI dashboard to identify departments at risk of budget overruns.

## CERTIFICATIONS

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AWS Certified Developer, Google Data Analytics, Microsoft Azure az-900, Python