

Nityanand Madpathi

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SUMMARY

- Accomplished Business Analyst with over 3 years of experience in data analysis, data engineering, AI, ML and Cloud.
- Demonstrated expertise in leveraging data to drive business growth, improve operational efficiency, and optimize resource allocation.
- Skilled in SQL, Python, Excel, Tableau, Power BI, AWS, Azure, and GCP.
- Proficient in developing comprehensive dashboards, predictive models, and data warehousing solutions.
- Adept at agile methodologies, collaborating with cross-functional teams and stakeholders to implement data-driven strategies that enhance organizational performance.

SKILLS

- Python, SQL, R, Java, Tableau, Power BI, Excel, Google Sheets, AWS, GCP, Azure, Artificial Intelligence, Machine Learning, A/B Testing, Data Warehousing and Modeling

WORK EXPERIENCE

GREAT LEARNING – Hyderabad, India

October 2021 – June 2022

Business Analyst

- Developed user engagement metrics and created comprehensive dashboards on Tableau and Metabase, aiding stakeholders in making high-level, data-driven decisions.
- Analyzed user demographics and purchasing behaviors to identify trends, resulting in a 65% increase in course sales.
- Collaborated with VPs and product managers to design and implement strategic KPIs, improving alignment and driving organizational growth.
- Utilized SQL and Python to provide data for targeted marketing efforts, boosting lead generation and user engagement by 50%.
- Designed and executed capacity planning models, optimizing resource allocation and operational efficiency through predictive analytics.
- Facilitated cross-functional team collaboration in Marketing, Sales, Product, and Operations, enabling them to surpass growth targets through timely analyses.

CAPGEMINI – Bengaluru, India

May 2019 – October 2021

Data Engineer

- Evaluated financial data to identify trends in top selling banking and retail products, enhancing financial forecasting accuracy by 20%.
- Created advanced reporting using Power BI, and Excel (pivot tables, power pivot, macros, and array functions), streamlining data analysis processes.
- Designed and implemented data warehousing solutions using Amazon Redshift to consolidate financial data, enabling in-depth analysis and reporting.
- Developed data pipelines to support analytics and reporting, ensuring timely and accurate data availability. Provided insights from customer feedback, increasing retention rates by 10%.
- Implemented statistical models to score sales leads and assess user quality, increasing sales efficiency by 45% and aiding in a 40% cost reduction.
- Developed ETL pipelines using Python and AWS Glue, improving data accessibility and efficiency by 35%.
- Leveraged Amazon EMR for big data processing, improving data processing capabilities by 25%.

EDUCATION

Wichita State University, Kansas

August 2022 - May 2024

Master of Science in Computer Science, GPA: 4.0

CVR College of Engineering, Hyderabad, India

August 2015 - April 2019

Bachelor of Engineering in Computer Science, GPA: 3.62

CERTIFICATIONS

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