NANDANI RAJ

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EDUCATION

University of New Haven - *Master of Science in Business Analytics* — August 2024 – Present

Jain University - *Bachelor of Commerce (Honors) in Finance and Business Analytics* — June 2019 – June 2022

SKILLS

- **Languages & BI Tools: :** SQL, Python, R, Power BI, Tableau, Excel (Pivot Tables, Power Query, Lookups).
- **Data Management:** ETL Pipelines, Data Modeling, Data Warehousing.
- **Data & Methods:** Time-Series Forecasting, KPI Analysis, A/B Testing, Trend Analysis.

PROFESSIONAL EXPERIENCE

Unosis IT Solutions   Bengaluru, India

Senior Data Analyst   July 2023 – July 2024

- Led the development of standardized KPI dashboards and reporting frameworks, transforming large, unstructured datasets into decision-ready insights and reducing leadership decision turnaround time by ~30% through standardized, faster reporting
- Built data models and ETL workflows to support scalable analytics, improving data reliability and reducing manual reporting effort across business and operations teams.
- Applied forecasting and statistical analysis to identify performance trends and gaps, communicating insights through Power BI dashboards to support data-backed planning and prioritization.

Salt Pepper Media   Bengaluru, India

Database Marketing Intern   January 2023 – June 2023

- Analyzed customer and campaign data to support targeted marketing and audience segmentation, improving campaign focus and relevance.
- Designed and maintained relational databases and optimized SQL queries for data cleaning, aggregation, and reporting, enabling faster insights into customer behavior and campaign performance.

PROJECTS

Demand Forecasting & Inventory Optimization – Retail Analytics   2024

- Built an end-to-end demand forecasting and inventory optimization pipeline using Python, SQL (BigQuery), and Power BI, and modeled weekly demand using time-series forecasting techniques and applied ABC–XYZ segmentation to design differentiated inventory and service-level strategies.
- Translated analytical outputs into business decisions through KPI dashboards, scenario analysis, and inventory policy recommendations.

EXTRACURRICULAR & LEADERSHIP

- Mentored peers in analytics, SQL, and data visualization through structured learning guidance and project support.
- Conducted CSR research, data collection, and reporting to support impact analysis and program evaluation.