Ajaydev Narathmeethal

Lansing, MI • (517) 348-6268 • ajaydev.narathmeethal@gmail.com • linkedin.com/in/ajaydevnarathmeethal/

SUMMARY

Data Analyst with 5+ years of experience in SQL, Python, and dashboard development, specializing in extracting actionable insights to support business decisions. Proficient in risk analytics, data visualization (Power BI, Tableau), and automating manual reporting processes. Adept at translating complex data into clear, strategic recommendations for technical and non-technical audiences. Currently pursuing M.S. in Data Science & Analytics at Michigan State University.

PROFESSIONAL EXPERIENCE

Business Data Science Analytics Project Intern — *July 2025 – August 2025*
Russell Palmer Career Management Center, MSU — *East Lansing, MI*

- Transformed complex, unstructured data by executing a multi-step process that included cleaning, standardizing, and merging career center engagement and job offer data to establish a clean foundation for advanced analytics.
- Performed in-depth analysis of cleaned student data, **uncovering key trends in student engagement, correlations between career center engagement and job offers to provide strategic insights for future program design.**
- **Created data visualizations using Seaborn and developed a presentation deck** to effectively communicate key analysis results and strategic recommendations to higher management.

Sr. Data Analyst — *March 2020 – December 2024*
Hexagon AB — *Hyderabad, India*

- Wrote advanced T-SQL queries to efficiently extract, transform, and analyze large datasets from Azure Data Lake storage cloud, for driving actionable insights on and **enhancing reporting processes and efficiency by 43%.**
- **Implemented robust data quality checks** to detect anomalies and null values, ensuring data integrity across all sources.
- Optimized SQL queries and indexing strategies on PostgreSQL and Redshift, **improving database performance by 27% and reducing costs by estimated $900 per month**.
- Utilized advanced SQL techniques including indexing, query plan analysis, and table partitioning to **significantly enhance query performance and reduce execution time by 32%** when working **with large-scale datasets containing over 10 million rows.**
- Developed automated scripts using Python to streamline data cleaning and preprocessing of large-scale datasets **exceeding 10 million records**, significantly **improving data integrity and reducing manual effort by 54%.**
- Utilized Pandas in conjunction with Matplotlib and Seaborn to **conduct detailed exploratory data analysis (EDA)**, uncovering key trends and producing insightful visual summaries of business metrics for impactful stakeholder reporting.

Project Management Engineer — *July 2019 – February 2020*
Larsen & Toubro — *Coimbatore*

- Created interactive Power BI dashboards by integrating Excel and SQL data from supply chain and production teams, uncovering downtime trends and **contributing to a 26% improvement in overall operational efficiency through data-driven insights.**
- Developed and implemented 15+ Power Automate workflows on SharePoint, streamlining repetitive tasks like document approvals and saving an estimated 200 hours per month across multiple departments.
- Implemented an automated, collaborative tracking system for raw materials and components in valve production, **streamlining end-to-end supply chain operations and reducing wait times by 31%** through enhanced cross-functional visibility.

EDUCATION

Michigan State University — East Lansing, MI
Master of Science in Data Science & Analytics — December 2025

National Institute of Technology Karnataka — Surathkal, India
Bachelor of Technology in Mechanical Engineering — May 2019

PROJECTS

- **Product Classification and Customer Behavior Prediction**: Built a classification model using Python (Regex, Vectorizer, Sci-kit Learn) to analyze .json shopping data and predict user purchasing behavior.
- **Automatic License Plate Recognition (ALPR) system:** Developed a real-time ALPR system using Python, OpenCV, and a Convolutional Neural Network (CNN) for character recognition.

SKILLS

Programming Languages: Python, SQL (optimizing complex queries), R, PIG | **Data Visualization:** Power BI (advanced DAX, data models), Tableau, Seaborn, Looker Studio| **Big Data:** Spark, Hadoop, MaReduce |**Cloud & Databases:** Azure SQL, AWS S3, MS SQL Server | **Tools:** MS Visual Studio, MS-Excel macros, Scikit-learn, Spyder, Google Analytics, Jira, Git.

AWARDS & LEADERSHIP

- Lead a team of 5 engineers in creating an online Salesforce dashboard for tracking customer SLA compliance & satisfaction.
- **Pat on the back quarterly awards** - 5 times from Hexagon Capability Centre India.