

GAUTAM NAIR

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EDUCATION

University of Utah, David Eccles School of Business

Master of Science, Business Analytics | GPA: 3.8

Salt Lake City, UT

Dec 2024

Pune University

Bachelor of Engineering, Computer Engineering

India

May 2020

TECHNICAL SKILLS

Certifications: SnowPro Core Certification, Coursera Certified: Data Science and Machine Learning in Python

Databases/Big Data: SQL Server, MySQL, Hive, Microsoft Excel, Spark, Kafka, Snowflake, Apache Airflow, Redshift

Techniques: Data Mining, Data Visualization, Predictive Modeling, Exploratory Data Analysis, ETL, Data Mapping

Analytics/Visualization: QlikView, Qlik Sense, NPrinting, Tableau, Power BI, Azure Synapse Analytics, Azure Data Lake

Programming: R, Python

PROFESSIONAL EXPERIENCE

Grind Athletics

Data Analyst

Salt Lake City, UT

Jan 2025 - Present

- Strengthened recruitment efficiency by 30% across 11 universities by designing a Tableau-based data visualization dashboard to analyze athlete performance trends, enabling strategic scouting insights.
- Enhanced workout efficiency by 20% through predictive analytics by optimizing training performance evaluation and refining Python-driven data pipelines and statistical models.

Chartwells Dining Hall

Cashier (Operations Analyst)

Salt Lake City, UT

Sep 2023 - Dec 2024

- Spearheaded the design and implementation of a Power BI dashboard to analyze student traffic patterns, enhancing real-time decision-making and reducing peak wait times by 20%.
- Conducted data analysis on service efficiency metrics using Python and Power BI, uncovering insights that saved \$50,000 in monthly operational costs.

LTIMindtree

Data Engineer

India

Jan 2021 - Jul 2023

- Orchestrated a 20% reduction in downtime by optimizing SQL Server queries, implementing advanced root cause analysis, and leveraging Qlik to stabilize enterprise reporting systems.
- Improved performance and computing time by 60% by automating and streamlining server maintenance for QlikSense, QlikView, and NPrinting using Python, Shell scripting, and scheduled cron jobs.
- Optimized reporting accuracy and speed by 15% by enhancing server performance on Tableau platform, addressing high RAM and CPU consumption through collaboration with analysts, developers, and stakeholders.
- Directed automation of customer order data analysis using Snowflake, and Tableau, building ETL pipelines and visualizations to reduce processing time by 40%.
- Engineered a real-time data pipeline processing 300M+ records from 30+ sources with Azure Data Factory and Databricks, ensuring seamless integration.
- Developed regression modeling and database architecture to ensure 100% data integrity, refining structures and driving a 25% improvement in identifying healthcare product performance.

Web Avenue Tech

Data Analyst Intern

India

Jun 2020 - Sep 2020

- Analyzed retail sales data with MySQL to uncover trends and refine recommendations, leading to a 10% increase in sales.
- Diagnosed customer churn risks and reduced churn by 30% by delivering actionable insights with Power BI dashboards.

PROJECTS

Swire Coca-Cola: Predictive Maintenance Framework

Aug 2024 - Dec 2024

- Reduced downtime by 45% by engineering a predictive analytics pipeline using failure risk scores derived from exploratory data analysis, feature engineering, and Survival Analysis.
- Achieved \$27M in savings by designing and deploying Power BI dashboards to deliver real-time alerts, supporting maintenance decisions and improving operational decision-making.

Environmental Sensor Data Analysis

Jan 2024 - May 2024

- Attained 84% weather forecast and ecological trend accuracy by leveraging Azure-based processing methods and Apache Airflow to implement a data pipeline driven by environmental sensor data.

Game Day Analytics Challenge

Jan 2024 - Mar 2024

- Increased ad revenues by 30% by analyzing 1.7M Super Bowl tweets using Alteryx and R, building a data workflow to extract insights on top-performing brands.