

# 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

*Aug 2023 - Dec 2024*

**Pune University**

*Bachelor of Engineering, Computer Engineering*

India

*Aug 2016 - 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

**LTIMindtree**

India

*Data Engineer*

*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**

India

*Data Analyst Intern*

*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 to determine top-performing brands using Tableau and Python to generate actionable insights and visualizations.

## LEADERSHIP EXPERIENCE

**Chartwells Dining Hall**

Salt Lake City, UT

*Event Coordinator*

*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.
- Managed daily operations for a group of 1,000 students during summer breaks over two months, analyzing statistics on resource usage to optimize scheduling and improve dining hall efficiency.