

# 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 assess athlete performance trends, enabling strategic scouting insights.
- Enhanced workout efficiency by 20% through predictive analytics by streamlining training performance evaluation and fine-tuning 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 track student traffic patterns, enhancing real-time decision-making and reducing peak wait times by 20%.
- Conducted data analysis on service efficiency metrics utilizing 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 bolstering 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, strengthening 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 mitigated 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 incorporating 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.