GAUTAM NAIR

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EDUCATION

University of Utah, David Eccles School of Business   Salt Lake City, UT
Master of Science, Business Analytics | GPA: 3.8   *Dec 2024*
Pune University   India
Bachelor of Engineering, Computer Engineering   *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   Salt Lake City, UT
Data Analyst   *Jan 2025 - Present*
- Constructed a Tableau-based data visualization dashboard to analyze athlete performance trends, enabling strategic scouting insights and improving recruitment efficiency by 30% across 11 universities.
- Enhanced Python-driven data pipelines and statistical models, optimizing training performance evaluation and boosting workout efficiency by 20% through predictive analytics.

Chartwells Dining Hall   Salt Lake City, UT
Cashier (Operations Analyst)   *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   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.