HRITVIK GAIND

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PROFESSIONAL SUMMARY

Innovative Data Scientist with 3+ years of experience in **predictive modelling, statistical analysis, data engineering, and data-driven decision-making**. Skilled in **Python, R, SQL, and cloud platforms (AWS, Databricks)** to design and implement end-to-end analytical and data pipeline solutions. Experienced in building scalable ETL workflows, managing large datasets, and developing machine learning models that deliver actionable insights. Proficient in creating interactive dashboards, translating business needs into data strategies, and collaborating with cross-functional teams. Passionate about retail analytics and applying data science to solve real-world business challenges.

Technical Skills: Python, R, SQL, PySpark, Azure Databricks, AWS (Lambda, S3, DynamoDB, EC2), PostgreSQL, Tableau, Machine Learning, Data Modeling, ETL Development, Data Visualization & Analysis, Data Warehousing, PowerBI, Predictive Modelling, Git, NoSQL, Lambda.

Soft Skills: Stakeholder Management, Analytical problem solving, Critical Thinking, Project Management, Attention to Detail

EDUCATION

University of Calgary, Canada   Aug 2024 - Present
Masters of Data Science and Analytics (GPA 3.9/4.00)
Relevant courses: Working with data at Scale, Statistical Modelling with data, Working with data and visualization

Projects: **Data Science Job Trends**
- Analyzed the factors that impact employee salaries in the Data Science Job sector, comparing these salaries across various countries relative to each country's minimum wage.

Jaypee Institute of Information Technology, India   Jul 2018 – Jun 2022
Bachelors of Technology in Electronics and Communication (GPA 8.8/10)

Projects: **Temperature Forecasting and Weather Prediction**
- Designed and implemented data pipelines using **AWS Lambda, S3, EC2**, and **Streamlit** to support forecasting models for daily minimum temperatures and rainfall. Utilized **ARIMA**, statistical modeling, neural networks, and machine learning techniques, storing results in DynamoDB and Postgres to enable real-time insights and evaluations.

Internships: **Data Science Intern at Centre for Railway Information systems,** India
- Developed an **automated GST reconciliation system** using advanced **string-matching algorithms** (Fuzzy Wuzzy and Gestalt), effectively addressing discrepancies in GSTR-1 and GSTR-2A forms.
- Utilized **Python** and **Excel** to enhance accuracy and efficiency in GST claims by implementing exhaustive attribute similarity checks, minimizing errors due to mismatches in reported data.

WORK EXPERIENCE

CIBC   **Toronto, Canada**
Data Scientist – Quantitative Risk Modeling   **May 2025 – Present**
- Performed CMPM-based performance monitoring to evaluate customer creditworthiness by analyzing scorecard behavior over time using **PySpark, SAS,** and key performance metrics such as **AUROC, PSI**, and stability indices, enabling data-driven risk decisions.
- Supported the generation of CMPM reports and integrated model performance outputs into Tableau dashboards, streamlining quarterly executive reporting and reducing manual effort **by 40%.**
- Collaborated cross-functionally with QRM and Risk Data Solutions teams to standardize data pipelines using ETL processes, enhancing data accuracy and decision-making consistency.

Deloitte   **Jul 2022 – Jul 2024**
Senior Data Scientist   Jul 2023 – Jul 2024
- Applied machine learning models using **Python and SQL** to analyze large datasets, uncover patterns, and make data-driven predictions that supported decision-making.
- Led the migration from legacy systems (SAS) to modern Big Data platforms (PySpark, Databricks), improving scalability and processing speed by 40%.
- Utilized **R and SAS** for querying and data analysis, followed by the development and maintenance of interactive dashboards in **Tableau**, to track key metrics, improving business intelligence and decision-making.
- Led a team of 10+ professionals, managing timelines, ensuring timely deliverables, and fostering collaboration in **high-pressure environments** to achieve project goals and client satisfaction.
- Coordinated project timelines, presented insights, and managed budgets effectively, achieving a **15% reduction** in overall project costs and enhancing client satisfaction.

Data Scientist   Jul 2022 – Jun 2023
- Collaborated with stakeholders to understand data requirements and deliver insights that align with business objectives, leading to a **100% client satisfaction**.
- Applied **Python and SAS** for predictive modeling, fraud detection, and data analysis to optimize client data-driven decisions.
- Digitalized risk assessments and audits for **Fortune 500 companies**, increasing scope and reducing manual effort by 50%.
- Developed and implemented statistical analysis, hypothesis testing, and forecasting models to enhance targeting and performance measurement, aligning with business goals.

ADDITIONAL ACTIVITIES

Customer Service Associate at Tim Horton's (Canada) | Vice President of Fashion Society | Fitness Enthusiast | Volleyball Captain