JAISREET KHAIRA

CONTACT

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EDUCATION

January 2021 - April 2025
SIMON FASER UNIVERSITY

Bachelors of Science in Statistics

2017 - 2019
BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

Diploma in Computer Systems Technology with specialization in AI and Machine Learning

SKILLS

- Python
- R
- SQL
- SAS
- Tableau
- Power BI
- Excel
- ETL
- Reporting
- Data-Cleaning
- Data-Visualization
- Feature-Engineering
- Statistical-Modeling
- Communication
- Redshift
- Snowflake

PROFILE SUMMARY

Results-oriented data professional with a passion for transforming raw data into actionable insights. Skilled in SQL, Python, and Tableau, with hands-on experience in ETL, data modeling, and business intelligence. Adept at designing automated workflows and predictive models that enhance efficiency and decision-making. Experienced in cloud platforms like Snowflake and Redshift to drive scalable data solutions.

WORK EXPERIENCE

First Nations Health Authority   JANUARY 2025 - PRESENT
Business Intelligence and Data Warehouse

- Designed and maintained ETL processes using SQL, SSMS, SSIS, and Azure, ensuring seamless data integration and accuracy.
- Built and optimized Tableau and Power BI dashboards, providing insights for healthcare initiatives and resource allocation.
- Streamlined data workflows using Azure and SQL, collaborating with teams to drive strategic data solutions.

Trulioo   January 2024 - August 2024
Data Analyst

- Automated data processing using SQL, Python, and Redshift, improving verification rates and data quality and performed Data-Analysis.
- Developed and optimized Tableau dashboards for operational metrics, providing insights for decision-making.
- Collaborated with cross-functional teams using Jira and leveraged Snowflake for data extraction, reporting, and process improvements.

PROJECTS

- **Disaster Management (3rd Place, SFU Beedie)**

Developed a mobile app with real-time risk assessments and Tableau visualizations to enhance emergency response.

- **Insurance Fraud Detection**

Used Python (NumPy, Pandas) & LightGBM to detect fraud, achieving 95% accuracy.

- **RecyclePro Bot (1st Place, Vancouver Datajam 2023)**

Built an AI chatbot with Python & LangChain to classify recyclables and reduce contamination.

- **Air Traffic Analysis**

Analyzed flight data with SQL & Python, built 85% accurate predictive models, and visualized insights in Power BI.