

KIRTI TAKRANI

kirtitakrani40@gmail.com | (905) 782 7351 | Toronto, Ontario, M1N 2J5 |

[Kirti Takrani](#) | [LinkedIn](#)

OBJECTIVE:

Motivated and detail-oriented Business Analyst with expertise in transforming data into actionable insights and optimizing business processes. Eager to leverage strategic, analytical, and collaborative skills at **Swiss Re** to drive data strategy, develop innovative data products, and support the continuous improvement of systems and processes within a dynamic team environment.

HIGHLIGHTS OF QUALIFICATIONS:

- Proven ability to analyze, map, and optimize business processes to improve efficiency and deliver innovative solutions.
- Extensive experience in data mapping, ETL processing, and integration of complex client datasets.
- Skilled in SQL, Python, and R programming for data analysis, transformation, and predictive modeling.
- Adept at developing and implementing data products, including user onboarding and enhancement of existing products.
- Experienced in visualization tools like Tableau and Power BI for creating actionable business insights.
- Familiar with relational databases (Oracle, SQL Server) and best practices for data management and governance.
- Knowledgeable in Waterfall and Agile methodologies for project execution and delivery.
- Strong collaborative skills for cross-functional stakeholder engagement and requirement gathering.

TECHNICAL SKILLS

- **Programming and Query Languages:** SQL, Python
- **Cloud Platforms:** Google Cloud, AWS, Azure Databricks, Azure SQL, ADLS Gen2 (Azure Data Lake Storage Gen2), SQL Server
- **ETL Tools :** Talend, SSIS (SQL Server Integration Services), Stored Procedures
- **Tools:** Talend, PyCharm, Jupyter Notebooks, Postman, Visual Studio Code (VS Code), Draw.io, Seaborn, Tableau Desktop and Server
- **Additional Skills:** Kafka, Azure Event Hubs NumPy, Pandas, PyTorch, Advanced Excel, CI/CD, Docker, Hadoop, MS Office 365

EDUCATION:

George Brown College

Work Integrated Learning

Toronto, ON

MAY 2023 – AUG 2023

- Designed and implemented data ingestion and preprocessing pipelines for large text datasets, ensuring data validation, transformation, and normalization to support deep learning models for text generation.
- Worked with faculty to optimize data integration and validation processes, improving data quality and consistency, and evaluating model performance using metrics like BLEU and ROUGE.

George Brown College

Toronto, ON

- Post Graduate Certificate in Advanced A.I Solutions and Development
- Post Graduate Certificate in Information Technology in Business Analysis

SEPT 2023

SEPT 2024

Amravati University

Amravati, IN

- Bachelor's Degree in Computer Application

JUNE 2019

PROFESSIONAL EXPERIENCE:

Bizbridge - <https://www.bizbridge.io/>

AI Engineer Lead

Toronto, ON

APRIL 2024-SEPT 2024

- Spearheaded the creation of multiple AI-driven assistants from the ground up to streamline processes for SMBs, utilizing supervised learning and advanced machine learning techniques to deliver actionable, tailored business insights.
- Designed and managed comprehensive AI pipelines, including key stages such as data preprocessing, feature engineering, and model deployment.
- Leveraged Talend for seamless data integration and ETL processes, optimizing data ingestion and transformation workflows across the platform.
- Collaborated closely with cross-functional teams and clients, ensuring data accuracy and integrity through rigorous data validation and mapping adjustments to meet diverse project requirements.

- Prioritized continuous improvement of data systems, incorporating best practices in data mapping, validation, and optimization to maintain high standards of data quality.

Miscos Technologies

Python Developer

Maharashtra,IN

OCT 2019 – APRIL 2022

Stock Market Prediction and Analysis :

- Utilized Talend to automate the ETL (Extract, Transform, Load) process for stock market data, integrating diverse data sources, including stock market APIs, historical stock price files, and financial news.
- Data transformation: Cleaned and preprocessed large datasets, applying filtering, duplication removal, and normalization to ensure data consistency and quality for accurate model predictions.
- Data loading: Streamlined data ingestion and transformation workflows, improving data processing efficiency by 20%, and loading transformed data into the machine learning model pipeline for prediction analysis.
- Enhanced data quality and integrity through rigorous validation and transformation processes, ensuring consistency across multiple data sources and improving the overall performance of the predictive models.

ATM Burglary Detection :

- Built a system to collect and process real-time data from ATM cameras using batch and real-time processing methods with PySpark.
- Applied data validation techniques to ensure the accuracy of the surveillance data, helping to detect suspicious ATM activities.
- Used PySpark to process large amounts of camera feed data, speeding up the analysis and improving detection efficiency.
- Worked with a team to create an alert system for suspicious activities, ensuring reliable and accurate results