

KIRTI TAKRANI

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An aspiring business analyst with a strong academic background Database Administration and a passion for using analytical skills to improve business performance. I am currently seeking a challenging co-op opportunity to apply classroom knowledge to a real-world environment, gain hands-on experience analyzing data.

HIGHLIGHTS OF QUALIFICATION

- Dedicated and detail-oriented IT Professional with a solid foundation in developing various types of models using Python, complemented by 3 years of experience as a Python Developer.
- Effective communicator and problem solver, contributing positively to team dynamics and delivering optimal results in agile environments.
- Highly organized, excelling in managing tasks, projects, and teams to achieve project objectives within specified timelines.
- Strong team player experienced in both leadership and collaborative roles.

EDUCATION

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

SKILLS & INTEREST

- **Programming & Frameworks:** Python, Django, SQL, HTML5, CSS3, JSON, XML
- **Databases Concepts:** MySQL, SQLite, SQL Server
- **SDLC Methodologies:** Waterfall, Agile, Scrum **Cloud**
- **Services:** Amazon Web Services (AWS)
- **Statistical Analysis:** SAS Software suite, SPSS: Statistical analysis, Google Analytics
- **Development Tools:** Jupyter Notebooks, Postman, PyCharm, Visual Studio Code (VS Code)
- **Data Visualization and Diagramming Tools:** Draw.io, Google Sheets, Lucidchart, Matplotlib, Microsoft Visio, Power BI Desktop and Server, Seaborn, Tableau Desktop and Server
- **Computer Vision & ML Libraries:** Keras, Matplotlib, NumPy, OpenCV, Pandas, SciPy, Scikit-learn, Seaborn, TensorFlow, PyTorch
- **Machine Learning Algorithms:** Artificial Neural Networks (ANN), Decision Trees, Gradient Boosting Machines (GBM), K-Nearest Neighbors (KNN), Logistic Regression, Random Forest, YOLOv4
- **Other Skills:** Advanced Excel, CI/CD, Docker, Hadoop, Hive, Microsoft Office (Word, PowerPoint, Outlook)

EXPERIENCE

Code Ready

Toronto, ON

Data Analyst- Part time

MAY 2023 – DEC 2023

- Developed SQL queries/scripts for data validation, including duplicate checks, null value verification, and truncation checks.
- Utilized Joins and Common Table Expressions for simplifying complex queries involving multiple tables.
- Designed Power BI visualizations incorporating cross tabs, maps, scatter plots, pie charts, and bar charts.
- Troubleshoot and resolved data-related issues to enhance data quality, escalating when necessary.
- Automated Excel reports using Power BI, thereby increasing efficiency and client satisfaction.
- Demonstrated strategic expertise in experimental design, data collection, analysis, and visualization within Power BI across various data explorations and visualizations.

Miscos Technologies

Python Developer

Maharashtra, IN

OCT 2020 – APRIL 2022

- Implemented ATM surveillance system to detect suspicious activities from live camera feed, including dataset collection, sorting, labeling, and model architecture development.
- Conducted regression testing with live feed, video, and photos, storing data to the server and generating alerts.
- Developed a project aimed at detecting non-helmeted motorcyclists by identifying numbers from license plates using a convolutional neural network deployed on video streams.
- Created a stock market prediction and analysis project utilizing machine learning algorithms to forecast future stock prices.
- Conducted exploratory data analysis to uncover insights and relationships between various factors and stock prices.
- Tested multiple algorithms, improving model performance by 20% through careful evaluation and selection based on metrics such as mean squared error and accuracy.

CERTIFICATIONS

- Entry Certificate in Business Analysis (ECBA)
- Microsoft certified Data Analyst Associate (Power BI Developer/Analyst)
- Microsoft certified Database Fundamentals (SQL Server)