





HASSAN HAMZE

DATA SCIENCE AND ANALYTICS STUDENT

CONTACT

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SKILLS

Programming languages: Python , R , SQL , SAS

Data visualization tools: Tableau , PowerBI

Big Data Analysis : Apache Spark

Microsoft Office: Excel

Creative and analytical thinking

Leadership and passion

EDUCATION

Honors Bachelor of Data Science and Analytics

Seneca Polytechnic 2024-2027

GPA: 3.7/4.0

Projects:

Customer Churn Prediction | Python, Scikit-learn, Pandas, Logistic Regression

- Developed a machine learning model to predict customer churn using historical data.
- Applied machine learning optimizations to improve model accuracy and reliability.
- Achieved an 90% accuracy score, improving churn prediction insights for businesses.

Sales Performance Dashboard | SQL, Power BI, Excel

- Designed an interactive dashboard analyzing sales trends and revenue growth.
- Cleaned and processed large datasets in SQL to generate key business insights.
- Provided data-driven recommendations that improved decision-making for stakeholders.

PROFILE

Motivated Data Science and Analytics student with knowledge in statistical modeling, data visualization, and machine learning. Proficient in Python, R, SQL, and Tableau. Hands-on experience in designing and implementing dashboards, performing data analysis on large datasets, and applying data-driven insights to solve business problems. Familiar with modern analytics technologies, relational databases, and data warehousing concepts to optimize processes.

WORK EXPERIENCE

Customer Service Representative

Seneca Polytechnic - North York, Canada

May 2023 - Present

- Provide customer service and assistance to students
- Offer guidance on college services such as registration, financial aid, and admissions.
- Resolve student inquiries ensuring a positive campus experience.
- Work with teams to improve service processes and streamline tasks.
- Stay updated on college policies and procedures to provide accurate information.

Events Coordinator

Seneca Student Federation - North York

May 2023 - Jan 2025

- Coordinate and execute different campus events, ensuring smooth operations.
- Assist in setting up event venues, managing registrations, and providing on-site support.
- Interact with guests, addressing inquiries, and ensuring a positive event experience.

LANGUAGES

- Bilingual: English , Arabic
- Beginner level: French