Simarpreet Kaur

Kaursimar9464@gmail.com | 902-880-8691

PROFESSIONAL SUMMARY

Motivated and detail-oriented Data Science enthusiast with hands-on experience in Python, data analysis, data storytelling, and visualization tools such as Tableau. Certified by BrainStation, IBM, and Google, with a strong foundation in machine learning, EDA, and statistical analysis. Adept at translating data into actionable insights to drive decision-making.

EDUCATION

Honours Bachelor of Applied Science, Computer Science
McMaster University | Sept 2022 – Present

Computer Networking and Technical Support
St. Lawrence College | Sept 2017 – June 2019

CERTIFICATIONS

- **Data Analysis with Python** – IBM

- **Getting Started with Python** – Google | Credential ID: NF83JSFBDQAX

- **Go Beyond the Numbers: Translate Data into Insights** – Google | Credential ID: SQRBAWG8QK6Q

- **Data Science Certification** – BrainStation | Certificate ID: 830-947-036

TECHNICAL SKILLS

Languages: Python, SQL, Java, C, C++
Libraries & Tools: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, Tableau
Techniques:

- Data Cleaning, Transformation & Preprocessing

- Exploratory Data Analysis (EDA)

- Hypothesis Testing & Regression

- Supervised Machine Learning Models

- Data Visualization & Storytelling

- Executive Summary Writing

- Jupyter Notebooks, Google Sheets

PROJECT EXPERIENCE

Titanic Survival Prediction – Kaggle

- Conducted comprehensive data analysis and cleaning

- Performed feature engineering and trained classification models (Logistic Regression, Decision Trees)

- Evaluated model performance and submitted predictions on Kaggle

Waze User Data EDA and Executive Summary

- Imported, cleaned, and explored user behavior data in Python

- Created box plots and scatter plots to reveal patterns in "drives" and "sessions"

- Answered guided data questions to uncover insights

- Wrote a clear, concise executive summary to communicate findings to team stakeholders using the PACE strategy

Lightning Strike Data Visualization – Tableau

- Worked with a U.S.-based lightning strike dataset to uncover geographic and seasonal patterns

- Built interactive Tableau dashboards to visualize frequency and intensity of strikes across regions

- Presented findings using data storytelling techniques to help stakeholders understand high-risk zones and trends

ADDITIONAL EXPERIENCE

Customer Service & Leadership – 6+ Years
Extensive experience in customer-facing roles across retail, healthcare, and corporate environments.

- Proven ability to handle high-volume customer interactions with empathy and professionalism

- Recognized for maintaining top performance in KPI metrics and customer satisfaction

- Held leadership roles supporting team productivity, training, and operational improvements

- Developed strong interpersonal, communication, and problem-solving skills transferable to data-driven roles