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| Brampton, ON Canada <https://www.linkedin.com/in/himanihimani/> | **Himani Singla** | [himanisingla603@gmail.com](mailto:himanisingla603@gmail.com)  +1-437-733-5572 |

**Summary:**

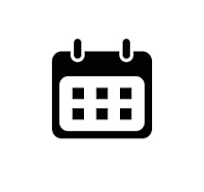
Aspiring Data Analyst with a solid background in Data Analysis using Python, SQL and MS Excel. Currently advancing skills through the Applied A.I. Solutions Development program at George Brown College, Toronto. Possesses proven expertise in data collection, data mining, pre-processing, and analysis. Eagerly seeking a dynamic opportunity in the field of Data & Analytics to apply my technical skills, contribute to impactful projects, and gain practical experience and learn from industry professionals.

**Technical Skills:**

**Python NLP Machine Learning Numpy Pandas Scikit-Learn Data Analysis** **SQL** **No SQL** **VBA** **ETL** **Tableau** **PowerBI** **Business Analysis** **Data Mining** **Analytical Skills MS Excel** **Big Data Tools** **Project Management: JIRA** **Statistical Analysis** **Data Storytelling** **Data Ethics** **Azure Storage Services** **Data Warehouse**

**Experience:**

**Data Analyst – NatGasHub**

06/2022 - 08/2023  India

*Natgashub is an Automation Software for Natural Gas Nominations and Scheduling to every Pipeline in North America.*

* Conducted **advanced data mining and pre-processing** on diverse datasets, both structured and unstructured, using **Python**, resulting in a more efficient and insightful data analysis process.
* Performed SQL data queries and support data sets for analysis/modelling, including cleaning data and feature engineering.
* Spearheaded the enhancement of data collection procedures, employing **Advanced Excel** techniques, **SQL** and Python, ensuring the integrity and reliability of analytical systems.
* Proficiently executed routine data cleansing and formatting tasks related to gas noms, notices and Tarrifs of Natural gas pipelines showcasing strong attention to detail in daily operations.
* Led the development of an Information Retrieval Model employing Natural Language Processing (NLP) and Machine Learning, coupled with robust database management, contributing to more sophisticated and accurate data retrieval processes.
* Developed compelling dashboards with Tableau and Power BI, illustrating tariff rate disparities across diverse pipeline locations.
* Demonstrated expertise in leveraging Azure Storage Services for diverse project requirements, ensuring seamless and efficient data storage solutions, leading to enhanced project performance.

**Education:**

**Applied A.I. Solutions Development (PostGraduate Certificate Course)**

**George Brown College | 3.85/4.0**

* 09/2023 - Present  Toronto, ON, Canada

**Masters in Science - Physics Hons.**

**University of Delhi**

* 2019 – 2021  New Delhi, India

**Bachelors in Science - Physics Hons.**

**University of Delhi**

* 2016 – 2019  New Delhi, India

**Projects:**

* **Image Sentiment Classifier:**

<https://github.com/himanisingla0911/Image-Sentiment-Classifier-using-CNN>

This computer vision project focuses on sentiment classification of images, aiming to discern whether the depicted individuals are expressing happiness or sadness. Leveraging deep learning techniques, specifically convolutional neural networks (CNNs), the project involves training a model to accurately classify images based on their emotional content.

* **Real-Time Hand Tracking:**

<https://github.com/himanisingla0911/AI-Hand-Pose-Estimation>

In this project, I implemented a real-time hand tracking system using MediaPipe and OpenCV. Leveraging the power of computer vision, the script detects and tracks hands in live webcam feeds, overlaying landmarks for visualization. This project underscores my proficiency in Python, image processing, and utilizing libraries for practical applications in computer vision.

**Courses and Certifications:**

* **Python for Data Science and Machine Learning Bootcamp – Udemy**
* **SQL for Data Science - University of California, Davis- Coursera**
* **Data Wrangling, Analysis, and AB Testing with SQL - University of California, Davis- Coursera**
* **Introduction to Data Analyst - IBM - Coursera**
* **Excel Basics for Data Analysis – IBM - Coursera**