

Aakash Srivastav

Data Analyst

Oshawa, Ontario L1L 0S8 | 9059246053

aakashsrivastav2303@gmail.com | <https://github.com/Aakash-Srivastav>

<https://www.linkedin.com/in/aakash-srivastav2303/>

Professional Summary

Analytical and detail-oriented Data Analyst with 2 years of experience in data collection, automation, and visualization. Skilled in Python, SQL, and data scraping with Selenium. Experienced in transforming raw data into actionable insights using Power BI and Tableau. Adept at predictive analytics and machine learning to drive strategic decisions. Eager to contribute technical skills and data-driven thinking in fast-paced environments.

Professional Experience

Junior Data Analyst

Cardwatch POS – Canada | Jan 2024 – May 2024

- Developed and deployed automated data collection tools using Python and Selenium.
- Conducted data audits and cleaning procedures to enhance data quality and consistency.
- Integrated automated pipelines for seamless data ingestion into PostgreSQL databases.

Data Analyst

Seair Info Solutions – India | Jan 2023 – Dec 2023

- Designed and optimized complex SQL queries to improve data accuracy and performance.
- Automated data validation and transformation processes using Python.
- Implemented innovative web scraping tools for network data acquisition, significantly reducing manual effort.

Product Analyst

Pinnacleworks Infotech – India | May 2022 – Dec 2022

- Evaluated and optimized Automated Speech Recognition (ASR) models to improve performance.
- Built large, clean datasets using Python for training machine learning models.
- Created an automated benchmarking pipeline that improved model accuracy by 55%.
- Integrated FastAPI with Python scripts for API testing and deployment automation.

Core Skills

Python | SQL | Power BI | Tableau | Selenium | FastAPI | Data Scraping | Machine Learning | Predictive Analytics | PostgreSQL | NumPy | Scikit-Learn | Matplotlib | Seaborn

Education

Durham College – Canada

Postgraduate Diploma in Artificial Intelligence | 2025

Durham College – Canada

Postgraduate Diploma in Data Analytics | 2024

University of Delhi – India

Bachelor of Science in Mathematics | 2019 –2022

Projects

Description-Based Product Recommendation System

- Built a recommendation engine using Sentence Transformers and APIs to suggest products based on user input.
- Matched input descriptions to product metadata using semantic similarity.
- Deployed in a user-facing web app for real-time recommendations.

Star Classification Using Machine Learning

- Developed classification models (Random Forest, SVM, Logistic Regression) to categorize stars based on parameters.
- Performed EDA using Matplotlib and Seaborn.
- Achieved over 90% accuracy with optimized hyperparameters.

News Scraping and Stock Analysis

- Scraped financial news using Selenium and BeautifulSoup.
- Extracted and matched stock symbols to related industry sectors.
- Pulled 30-day historical data from Yahoo Finance.
- Generated automated buy/wait/sell recommendations with visual trend plots.
- Exported all results including plots, news, and decisions for reporting.

Eye Disease Prediction Web App

- Developed a convolutional neural network (CNN) model using TensorFlow/Keras to detect various eye diseases from fundus images.
- Deployed the model as a web application allowing users to upload images and receive predictions in real time.