ADAN ABDULLAHI

Data Scientist | Machine Learning | Predictive Analysis | Python Expertise

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Summary

Data Scientist with hands-on experience in data cleaning, machine learning, and dashboard development using Python, SQL, Tableau, and Power BI. Successfully led a 10-member team in delivering real-world AI solutions, including a hospital chatbot and sentiment analysis tool. Collaborated with cross-functional teams to implement recommendation systems and turn complex datasets into clear, actionable insights. Skilled in predictive analysis, stakeholder communication, and delivering reliable models that support business decisions. Seeking a Finance Data Scientist role to apply analytical expertise, contribute to impactful initiatives, and deliver measurable value through data.

Skills

Python · SQL · Cloud Technologies · Scikit-learn · TensorFlow · Data Visualization · Web Scraping · Machine Learning · Deep Learning · Natural Language Processing · Tableau · Data Mining · Team Collaboration · Data Storytelling · Problem Solving · Predictive Analysis · Stakeholder Communication · Data Wrangling · Power BI · R · Analytical Thinking · Environment Adaptability · database · compliance

Experience

10X Hub — Toronto, Canada
Data Analyst 03/2025 - 06/2025

Cleaned and standardized over 700 web records by resolving encoding issues, removing duplicates, and addressing missing values to prepare the dataset for model training.

- Performed exploratory data analysis using Python libraries to identify outliers, validate tag consistency, and summarize content across 735 organizations.
- Enriched the dataset by extracting physical addresses, generating service-based tags, and writing concise summaries, increasing data completeness by approximately 30 percent.
- Collaborated with cross-functional teams to integrate DeepSeek technology into a web-based chatbot that generated insights from uploaded spreadsheets.
- Contributed to chatbot development by validating summary logic, ensuring tag accuracy, and supporting model testing with enriched data.
- Collaborated with cross-functional teams including developers and UX designers to integrate DeepSeek AI into a web-based chatbot platform, improving user experience for high school students.

Oeson — Remote
Data Scientist Intern 02/2024 - 02/2025

Developed a loan default prediction model on 5,000+ records using logistic regression and random forest; improved recall to 92%, helping banks identify high-risk applicants early.

- Built a personalized book recommender for public libraries using collaborative filtering on 10,000+ user interactions; increased suggestion accuracy by 30%.
- Prepared a sentiment analysis model on 20,000+ COVID-19 tweets using TF-IDF and Naive Bayes; reached 83% accuracy and revealed regions with high negative sentiment.
- Trained a deep learning model to classify handwritten characters across multiple languages with 90%+ accuracy, reducing manual labeling efforts.
- Created a hospital chatbot using NLP to handle FAQs; reduced average response time by 60%, improving support during peak hours.

Education

York University — Toronto, Canada
Bachelor's Degree in Computer Science 2019 - 2023

Academy of Learning College — Toronto, Canada
Diploma in Project Administration 2024 - 2025

Certification

Google Data Analytics Professional Certificate — Issued by Coursera, Completed on March/02/2025

Data analyst Certificate — Issued by BrainStation, Completed on July/02/2025