#### **Adnan Farook Shaikh**

Scarborough, Ontario

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#### **Objective**

Detail-oriented and driven Data Analyst with practical experience in data analysis, machine learning, and business intelligence tools. Skilled in Python, SQL, and data visualization, aiming to leverage these abilities to support data-driven decision-making and business growth in a Data Analyst Intern role for Winter 2025.

### **Highlights of Qualifications**

- Proficient in Python and SQL for data analysis, data management, and developing models.
- Experience working with large datasets, cleaning and transforming raw data for analysis.
- Strong understanding of data visualization tools such as Tableau, Power BI, and Looker to present clear insights to stakeholders.
- Expertise in machine learning, statistical analysis, and segmentation models, used to generate actionable business insights.
- Adept at using Agile methodologies and project management tools like Jira for collaboration.
- Strong problem-solving skills, backed by experience with real-world business questions and data-driven strategies.

#### **Technical Skills**

- Programming Languages: Python, SQL
- Data Analysis & Visualization: Python (Pandas, NumPy, Matplotlib, Seaborn), Tableau, Power BI, Looker
- Machine Learning & AI: Exploratory Data Analysis (EDA), Neural Networks, scikit-learn
- Tools: Git, Jupyter Notebooks, Visual Studio Code, Alteryx
- Other: Agile Methodology, Project Management (Jira)

#### **Education**

Post-Graduate Certificate in AI Solution Development George Brown College Toronto, ON May 2023 – Apr 2024

Post-Graduate Certificate in Project Management Fleming College Toronto, ON

Sept 2023 – Apr 2023

**Bachelor of Engineering in Electronics and Telecommunication AIKTC College Mumbai, India** 

Aug 2019 – May 2022

### **Professional Experience**

## **Data Analyst Projects**

#### **Big Data Analysis for Amazli**

- Processed over 26 million Amazon product reviews to generate insights for an e-commerce business, using Alteryx for ETL processes.
- Integrated cleaned data into relational databases using SQL Server Management Studio (SSMS) and SQL Server Analysis Services (SSAS).
- Created visualizations in Power BI, identifying top-performing categories and providing actionable insights for strategic business decisions.

## **Projects**

## Sentiment Analysis on Amazon Reviews

- Developed a sentiment analysis model using Python and Hugging Face to classify Amazon reviews as positive or negative.
- Fine-tuned the model for optimal performance, leveraging transfer learning techniques.

# **Hate Speech Detection using Neural Networks**

- Built a neural network model from scratch to detect hate speech. Managed the entire pipeline, including data preprocessing, model architecture design, and hyperparameter tuning.
- Achieved high accuracy in detecting hate speech from online text using TensorFlow and Keras.

# **Certifications & Achievements**

•	Supervised Machine Learning: Regression and Classification – Coursera	Aug 2024
•	Project Management Foundations: Procurement – LinkedIn	Nov 2023
•	Project Management Simplified – LinkedIn	Oct 2023
•	Agile Foundations – LinkedIn	Oct 2023

# **Hobbies and Interests**

- **Lifelong Learning:** Passionate about continuously expanding my knowledge through informative videos, articles, and courses.
- Gaming: Enjoy playing video games that encourage strategic thinking and teamwork.
- Cinematic Enthusiast: Love watching films and analysing storytelling techniques.
- Sports: Actively play football to promote fitness, teamwork, and discipline.