Atiya Shaazi Ahmed

Liverpool, England, United Kingdom

✉ shaazi.ahmed@gmail.com   📞07867063777

in linkedin.com/in/atiya-shaazi-ahmed

Summary

A results-driven and enthusiastic Machine Learning Engineer with 1+ years of experience in predictive modelling, demand forecasting, computer vision, web scraping, python, and NLP. Skilled in problem-solving, critical thinking, and developing end-to-end machine learning solutions to tackle real-world business problems. Adept in working with large datasets, cleaning, and transforming data. Possesses exceptional analytical skills and attention to detail, making me a valuable team player.

Experience

Machine Learning Scientist

dhiOmics Analytics Solutions

Jul 2021 - Oct 2022 (1 year 4 months)

• Created a predictive model for scrap reduction in the tubing process for a world-renowned laminated tubes manufacturing company.

• Developed a Brand Attribution solution to optimize Ad spends for advertisers by giving them a clear view of which media channels most significantly impact sales, using Bayesian Approaches.

• Designed and implemented a full-stack Product Recommendation solution for the Retail sector, presented at the National Retail Federation 2022, New York, using Market Basket Analysis.

• Worked on a Proof of Concept to demand forecast the stock procurement for one of India's largest beauty and self-care e-commerce websites.

• Designed and led a team of three in creating a pipeline for market intelligence for Government e-Marketplace for Price Gap Analysis, using ThymeBoost Anomaly Detection.

• Built an Image Analytics pipeline for Government e-Marketplace to detect product features using Object Detection API, YOLO Darknet, and ImageAI, and verify product categorization.

Machine Learning Intern

Tata Steel

Jan 2021 - Mar 2021 (3 months)

• Developed a Machine Learning Model to increase the yield of coal mining using Random Forest Regression, reducing multicollinearity using Variance Inflation Factor (VIF).

Education

University of Liverpool

Master of Science - MS, Data Science and AI

Sep 2022 - Ongoing

Manipal Academy of Higher Education
Post Graduate Diploma, Data Science

2020 – 2021

GITAM Deemed University
Bachelor of Technology, Electronic and Communications Engineering Technology
2015 - 2019

Sri Chaitanya Junior College, Bhaskar Bhavan

Intermediate, Science
Jun 2013 - May 2015

Holy Cross School
Matriculation

Skills

Python (Programming Language) • TensorFlow • Pandas • Natural Language Processing (NLP) •
Machine Learning • Deep Learning • Web Scraping • Data Visualization • Exploratory Data Analysis •
SQL

Projects

Scraping E-commerce Websites
Sep 2022
- Used Beautiful Soup and Selenium to scrape product details and images from e-commerce websites like amazon.com, flipkart.com, myntra.com, and indiamart.com.

Category Classification
Jul - Aug 2022
- Classified product categories using product names, using SVM Classifier for classification and BERT for encoding product names into vectors.

Anime DVD Catalogue Website

May 2019 - Jun 2020
- Developed a simple website cataloguing Anime DVDs available in a store, using HTML, CSS, and JavaScript.

Online Bidding Website

Jun - Jul 2019
- Developed an online bidding website for paintings with login and session features, using HTML, CSS, JavaScript, PHP, and SQL.

Licenses & Certifications

Machine Learning - EICT Academy IIT Roorkee

Deep Learning - EICT Academy IIT Roorkee

Server Side Web Designing - ArguS Academy - India