Abdishakur Yoonis

Bristol, UK **|** 07306445645 **|** [ayyoonis2002@gmail.com](mailto:ayyoonis2002@gmail.com) **|** [LinkedIn](https://www.linkedin.com/in/ayyoonis/) **|** [GitHub](https://github.com/ayyoonis) **|** [Portfolio](https://ayyoonis.github.io/)

A highly competent data scientist with four years of experience developing a wide range of innovative applications like Credit Card Fraud Detection, Stock Sentiment Analysis Model, and Customer support system. Ability to use data research and statistical techniques and machine learning for finding complex data patterns that drive meaningful impact on the business. I am looking for the opportunity to build a next challenging career and apply my skills in an innovative and simplified process. I enjoy working in a team and communicating data driven results.

**SKILLS**

* **Languages:** Python, R, SQL, C#, C++, Java, HTML, CSS, JavaScript
* **Programming Languages:** Python, R, SQL, Java, C#, C++, HTML, CSS, JavaScript and many more
* **OS:** Windows, Linux (Ubuntu 18.04)
* **Shell:** PowerShell, Bash
* **Databases:** Microsoft SQL Server - (SSMS), PostgreSQL, Oracle SQL and Amazon Redshift
* **NoSQL:** MongoDB, Cassandra and Amazon DynamoDB
* **Cloud Computing:** AWS and AZURE
* **Business Intelligence and Data Visualization:** Microsoft Power Bi, SQL, Microsoft Dynamics CRM, Advanced Excel, VBA, Tableau and Qlik
* **Frameworks/Libraries:** Pandas, NumPy, SciPy, Statsmodels, Pyspark, Sci-kit Learn, Tensorflow, Keras, NLTK, Gensim, Matplotlib, Seaborn, Plotly and Flask
* **Technical Skills:** Data Collection, Data Wrangling/Cleaning, Exploratory Data Analysis (EDA), Hypothesis Testing, Statistical Analysis, Deep Learning, Machine Learning, Regression, Classification, Clustering, Version Control (Git)

# PROJECTS

Disaster Response **|** [GitHub](https://github.com/ayyoonis/abdishakur-disaster-response) **|**  Nov 2021

* Utilized frameworks such as NLTK and Scikit-Learn to perform ETL, build ML pipeline, and deploy ML model to a local web application.
* The ML pipeline processes 26,000 raw text messages using NLTK and Scikit-Learn to build a multioutput classification model.
* Maximized F1 score through feature engineering and parameter tuning.

# Sparkify: Predicting Churn for a Music Streaming Service | [GitHub](https://github.com/ayyoonis/project_sparkify_capstone) | July 2022

* Loading and cleaning a small subset (128MB) of a full dataset available (12GB).
* Conducting Exploratory Data Analysis to understand the data and what features are useful for predicting churn.
* Modelling using machine learning algorithms such as Logistic Regression, Random Forest, Gradient Boosted Trees, Linear SVM, Naive Bayes.
* Evaluated multiple regression models (Ridge, Random Forest, Gradient Boosting) and optimized the pipeline to minimize the RMSE and MAE.

# EXPERIENCE

**Ramp Agent April 2022 – Present**

*Menzies Aviation, Heathrow Airport, UK*

* On-load and off-load baggage manually or mechanically, in accordance with the relevant training received
* Undertake all relevant baggage sortation duties in a safe and efficient manner
* Carry out area hazard checks
* Report any faults or irregularities with equipment, facilities or processes to the appropriate
* Operate position and remove company equipment, in a safe and efficient manner, in accordance with the relevant training received

**Data Scientist** **and Data Analyst**  **Jan 2019 – March 2022**

*MSI Homes Group, Bristol*

* To predict house prices using time series analysis and neural networks.
* Identify factors that predict which employees will have the best performance and which will benefit from a change in their job position using machine learning.
* Designed the information architecture and model of an organization's assets.
* Coordinated with the stakeholders on project progress.
* Involved in the continuous enhancements and finding the best solution.

# EDUCATION

**MSc Software Engineering,** Kingston University Oct 2018

**BSc Software Engineering**, London Metropolitan University July 2017

**Data Scientist Nanodegree**, Udacity – Certificate April 2022

**Data Analyst Nanodegree**, Udacity – Certificate June 2021

**AWS Machine Learning Nanodegree**, Udacity – Certificate Aug 2021

**Business Intelligence with Power Bi**, Datacamp – Certificate March 2020

**Microsoft Certified Software Developer**, Microsoft UK – Certificate Feb 2014

**Exploratory Data Analysis in Excel**, LinkedIn Learning – Certificate Jan 2018

**Exploratory Data Analysis in SQL**, Datacamp – Certificate March 2019

**Introduction to SQL Server**, Datacamp – Certificate Feb 2019

**Intermediate to SQL Server**, Datacamp – Certificate March 2019

**Introduction to Relational Databases in SQL**, Datacamp – Certificate June 2019

**Pandas and Jupyter Notebook**, Datacamp – Certificate Aug 2019

**Data Engineering**, Datacamp – Certificate Sep 2021

**Machine Learning and Deep Learning**, Datacamp – Certificate Dec 2021

**Cleaning Data with Pyspark,** Datacamp – Certificate Jan 2023

**Data Visualization in Power BI**, Datacamp – Certificate April 2023

Data Analyst Diploma, Pitman Training – Certificate Oct 2023

# INTEREST AND HOBIES

In my spare time, I enjoy driving, reading newspapers, watching BBC documentaries, BBC Newsnight, magazines and  
professional books (i.e., Technology). I also enjoy writing, swimming, playing football, walking, cinemas and restaurants.