



Ali Shaikh Husain

Data Analyst | Data Science | Full Stack developer

Bahraini | +973 33992900 | alishaikhhusain14@gmail.com | [LinkedIn](#) | [LinkTree](#)

Profile

Software engineer and data enthusiast with expertise in full-stack development, AI, and data science. Skilled in React, Node.js, MongoDB, and Python for building scalable applications and predictive models. Experienced in data analysis, software architecture, and AI-driven solutions like house price prediction and recommendation systems. Strong communicator with a passion for solving real-world problems using technology.

Highlighted Skills

- **Technical Skills:** Data analysis | Data visualization | Backend-Engineering | Full-Stack Development
- **Programming languages:** Python | JavaScript | C++ | Dart | PHP
- **Tools:** React | Git | Mongoose | Scikit-learn | FastAI | Flask | NoSQL | SQL | MongoDB | Power BI | Tailwind CSS | Node.js | RESTful APIs | Pandas | NumPy | PyTorch | Flutter | Ionic | TypeScript | HTML | CSS | EXCEL
- **Languages:** Arabic (Native) | English (Professional Proficiency)

Data Analytics Experience

Data Analytics Bootcamp Fellow, General Assembly, Bahrain

Jan 2025 - Exp: April 2025

An intensive, hands-on program covering data analytics fundamentals, statistical analysis, data visualization, and SQL. The bootcamp emphasizes real-world projects, equipping fellows with practical experience in Python, Tableau, and Power BI. Participants learn to analyze data effectively, derive meaningful insights, and communicate findings through compelling storytelling.

Projects:

- **Airbnb Analytics:** Cleaned and analyzed Airbnb data using Excel, utilizing pivot tables for visualization and feature engineering to generate insights. Presented findings in a data-driven presentation at GA inside BIBF.
- **SQL Project:** Used PostgreSQL and pgAdmin to query and analyze a dataset on the UK government's gender pay gap data. Extracted meaningful insights to understand wage disparities and trends.
- **Tableau Project:** Analyzed FIFA World Cup data (1930-2014) using Tableau by connecting a **.twbx** workbook with a **.csv** dataset to generate interactive visualizations and insights. 🌐⚽📊
- **Power BI:** Analyzed Bahrain's import data (2020-2023) using Power BI, integrating datasets from **data.gov.bh** to create interactive visualizations and insights. 📊
- **Python:** Analyzed flight ticket prices using a 82-million-row dataset from Kaggle, employing Jupyter notebooks for exploratory data analysis (EDA) and final analysis. Utilized Python and various libraries like Pandas, Matplotlib, and Seaborn for data processing and visualization. ✈️📊

Volunteering

Non-profit voluntary work, Arabian pearl Gulf School, Malaysia

Jan/2018 - Feb/2018

- Packed and distributed food to homeless individuals across Malaysia.
- Assisted elderly residents at Elderly Care Home

Photography, Videography Coordinator, Mahd Al-Azhar Kindergarten

2020/2021

- Photography & Videography related work

Projects

- **AI-Powered Web Application:** Developed a full-stack AI-driven web app using React, Node.js, and MongoDB, integrating machine learning models for intelligent automation.
- **Flight Ticket Price Predictor:** Built an ensemble model (Decision Tree, Random Forest, XGBoost, Neural Network) to predict flight ticket prices, with advanced feature engineering.
- **Movie Recommendation System:** Created a deep learning-based recommendation system using collaborative filtering, enhancing personalized movie suggestions.

Education

- **Data Analytics Bootcamp program**, General Assembly,Bahrain
- **Bachelor in Computer Science**, University of Bahrain,Bahrain

Jan/2025 - Exp: Apr/2025
2020 - 2025

Online Courses

- **FastAI**, Online Course, [FastAi](#) **Aug/2024 - Dec/2024**
- **React**, Online Course, [Udemy](#) **Aug/2024 - Dec/2024**
- **Node Js**, Online Course, [Udemy](#) **Aug/2024 - Dec/2024**
- **The Mern Stack**, Online Course, [Udemy](#) **Aug/2024 - Dec/2024**
- **Scikit -learn**, Online Course, [Youtube](#) **Aug/2024 - Dec/2024**
- **Pandas**, Online Course, [Youtube](#) **Aug/2024 - Dec/2024**
- **Numpy**, Online Course, [Youtube](#) **Aug/2024 - Dec/2024**

Interests

- Football
- Fifa - Playstation
- Data science
- The Quran