

Minhaz Hoque

Data Analyst

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SKILLS

Techniques: Data Visualization, Extract, Transform, Load (ETL), Statistical Modelling, Data Cleaning

Coding Languages: Python, Pandas, SQL, MATLAB

Cloud: AWS, AWS CLI, RDS, S3

Version Control: git/github

Data Reporting: Power BI, Tableau, Excel

PROJECTS

Exploratory Data Analysis: Customer Loans in Finance | [GitHub](#) 09/2024 – 10/2024

- Designed a personalised python class to extract data from an RDS database with SQLAlchemy and conducted ETL and cleaning on a 54,000 record financial loans data set.
- Prepared data using Pandas, including data cleaning of 40 columns, imputation of missing values, outlier removal and transformation of skewed data.
- Answered 10 business questions by generating visualisations and exploring the data.

Multinational Retail Data Centralisation | [GitHub](#) 07/2024 – 09/2024

- Created a robust ETL pipeline to extract data from 5 diverse sources, which include RDS, S3, JSON, CSV, and APIs, ensuring reliable data extraction.
- Conducted thorough data cleaning on 21 unique columns to enhance data quality, removing inconsistencies and ensuring accuracy for analysis.
- Implemented data transformation processes on 10 total columns to convert extracted data into suitable formats for analysis and reporting.
- Implemented a star-shaped schema in PostgreSQL, linking the 5 tables together, facilitating efficient data storage and retrieval to support complex analytical queries.
- Executed 9 SQL queries to address specific retail scenarios, generating insights that informed strategic decision-making and improved operational efficiency.

WORK EXPERIENCE

Channel Partners Group, Birmingham, UK

Sales Executive

12/2023

- Cultivate and maintain relationships with clients, fostering trust and loyalty through exceptional communication and customer service.
- Achieve a 95% territory coverage within the designated region, demonstrating high productivity and effective time management, while contributing to overall team success through collaboration.
- Surpass the team average by 54% by averaging 170 doors per day, expanding the number of potential leads and significantly increasing sales opportunities.

Excel Tuition & Training Centre, Birmingham, UK

Tutor

05/2021 – Present

- Instruct students across various age ranges (Year 2 - Year 12) to prepare them for key subjects and exams, including primary school SATs, 11+, GCSE, and AS Level.
- Design lesson plans and tailor teaching methods to meet individual student needs.
- Facilitate the achievement of a grade 6 or higher for 90% of students in taught subjects at GCSE level.
- Sustain a supportive learning environment to enable every student to thrive.

Paprika Longbridge, Birmingham, UK

Waiter

05/2018 – 03/2020

- Greeted customers and processed orders, serving as a vital link between kitchen staff and front-of-house operations to ensure a positive dining experience.
- Maintained impeccable cleanliness of tables and the dining area, enhancing table turnover rates by 12% and overall operational efficiency.
- Addressed customer complaints promptly and professionally, ensuring satisfaction and retention.
- Collaborated with staff to accelerate service by 30% during peak hours, contributing to an efficient workflow.

EDUCATION

CIFA Level 4 Certification, CPD, Remote

Introduction to UK Financial Regulation & Professional Integrity

05/2024 – Present

AICore, Remote

Certification in Python & Data Analytics

12/2022 – Present

University of Birmingham, Birmingham, UK

Bachelor of Engineering in Materials Science

09/2019 – 07/2022

King Edward VI Aston, Birmingham, UK

A-Levels

09/2016 – 06/2018

Subjects: Maths, Chemistry, Physics, Further Maths

Achievements: Gold Award in Cambridge Chemistry Challenge

CERTIFICATIONS

AI-Core

Python Essentials	08/2022
Python Programming	10/2022
Software Engineering	09/2024
Python – Exploratory Data Analytics	10/2024

Udemy

The Complete Data Analyst Bootcamp	06/2024
The Complete SQL Bootcamp	05/2024

Sololearn

Python Intermediate	05/2024
SQL Intermediate	05/2024
Coding for Data	05/2024