

RAIHAAN KHADIM

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Greater Manchester, OL6 9JU

Skills

- Python (Variables, Data Types, Conditionals, Loops, Functions)
- HTML/CSS
- SQL (SQL Server)
- Microsoft Excel (Pivot Tables, VLookup)
- Microsoft Power BI (Power Query, DAX)
- Tableau

Personal Projects

PYTHON WEB SCRAPPING

Ongoing

- Developing a **Python-based** web scraping script to extract, transform, and load data product from Amazon.com
- Learning the fundamentals of web scraping packages such as Beautiful Soup to **extract data** from HTML

HTML PORTFOLIO WEBSITE

Sep 2023

- Developed a personal portfolio website using **HTML**, demonstrating proficiency in foundational web development skills
- Conducted series of **comprehensive tests** on the site to ensure its functionality, performance and user-friendliness

COVID-19 SQL ANALYSIS

Sep 2023

- Utilised **SQL** to extract data from different tables from global COVID databases using JOIN, VIEW and Temp Tables
- **Uncovered correlations** between vaccination rates and COVID-19 mortality to be used for public health decisions

SQL DATA TRANSFORMATION

Aug 2023

- Transformed data in **SQL** using SUBSTRING, PARSENAME and CTE's which improved the reporting process
- Performed **data cleaning** and text analysis to successfully identify the key sales information for each housing property

PYTHON WEIGHT CONVERTER APPLICATION

Aug 2023

- Developed a user-friendly **Python-based** interface that efficiently converts between various units of weight
- Implemented **error handling** and **validation** to ensure data input accuracy for a more refined user experience

Relevant Work Experience

GRADUATE PROJECT MANAGER – Mace Group – Manchester, UK

Jun 2023 - Present

- Preparing weekly progress reports that are in line with costs and programme schedules using **Excel Conditionals**
- Ensuring **technical standards** are applied through critical examination of building design submissions and drawings
- Engaging in proactive **client communication** and crafting Excel trackers to meet and exceed client expectations

ROAD LOGISTICS GRADUATE – Kuehne + Nagel – Derby, UK

Sep 2022 - May 2023

- Analysed financial account data and produced monthly sales reports using **Excel Pivot** for performance insights
- Analysed transportation data and optimised routes contributing to a **5% reduction** in CO2 emissions and fuel costs
- Innovatively devised and executed **system tests** ensuring data integrity from a domestic fleet management system

AEROSPACE ENGINEER – BAE Systems – Warton, UK

Jun 2018 - Apr 2019

- Developed a streamlined user interface for the testing team resulting in a **50% reduction** in operational time
- Conducted **in-depth analysis** of aircraft data and crafted data-driven reports using **Microsoft Excel** visualisations
- Strategically redeveloped BAE's information database resulting in a **40% increase** in employee satisfaction rate

Academic Background

MENG, BENG AERONAUTICAL & AEROSPACE ENGINEERING – University of Leeds

Sep 2015 - Sep 2020

- Achieved a First Class Honours.

A LEVELS MATHS, PHYSICS, CHEMISTRY – Ashton Sixth Form College

Sep 2012 - Jun 2014

- Achieved A*AA

GCSEs: 4A*s, 4As, 3Bs – West Hill School

Sep 2007 - Jun 2012

- English (A), Maths (B)