Data Analyst/ Business Analyst

# AHMED MOHAMED

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## Skills

- SQL (SQL Server, MySQL)
- Python (Pandas, NumPy, MatPlotLib)
- Tableau
- Excel (VLOOKUP, Conditional Formatting, Pivot Tables)
- Microsoft Power BI
- Web Scraping

- Microsoft Power BI
- Aggregated and visualized the data by using **pandas, matplotlib** and **word cloud** to compile a professional report.
- Frontend skills (HTML, CSS, React.js, Shopify, Web Optimization, WordPress

## Projects

MOVIE CORRELATION – Personal Project – London, United Kingdom

- Utilized **Python** to explore movie data correlations, analyzing relationships such as total gross revenue and company performance.
- Investigated correlations between movie features using **correlation matrices** and **heatmaps**, revealing insights into factors influencing a movie's success.
- Uncovered significant correlations between movie attributes through **Python analysis**, offering insights into factors influencing a film's success and audience reception.
- Examined the top 15 companies by gross revenue, highlighting industry leaders and their contributions to the film market.

COVID 19 DATA EXPLORATION– Personal Project – London, United Kingdom

- Explored COVID-19 data using **SQL** to analyze the relationship between total cases and total deaths, uncovering insights into mortality rates.
- Investigated the correlation between total cases and population size in **SQL**, shedding light on the pandemic's impact relative to population density.
- Identified countries with the highest infection rates compared to population size and those with the highest death counts per population, providing critical insights into regional disparities in COVID-19 impact.

NETFLIX DASHBOARD – Personal Project – London, United Kingdom

- Developed a dynamic Netflix **Tableau** dashboard featuring top genres, ratings trends, and content distribution by country.
- Processed data using **Excel** to ensure completeness and validity, enhancing the accuracy of insights presented.
- Implemented interactive filters for customizable exploration of movie and TV show data, showcasing advanced skills in **data visualization** and **analysis techniques**.

DATA PROFESSIONAL SURVEY BREAKDOWN DASHBOARD – Personal Project – London, United Kingdom

- Presented a dynamic **Power BI** dashboard titled "Data Professional Survey Breakdown," unveiling insights from a diverse pool of data professionals.
- Utilized **Power BI** to process and analyze survey data, ensuring completeness and accuracy.
- Developed interactive features to explore key metrics such as participation rates, demographics, salary trends, programming language preferences, and career challenges within the data profession.

## Work Experience

WEB DEVELOPER / ANALYST – Beautifect – London, United Kingdom                    September 2023 - January 2024

- Generated reports and visualizations in Excel to present information about sales performance in different seasons, helping clients understand their sales trends and make informed decisions.

- I played a crucial role in developing responsive and user-friendly websites for a variety of clients.
- I worked closely with clients and project managers to understand their needs and translate them into detailed technical requirements. By creating website layouts, wireframes, and mock-ups.
- I provided clients with clear visualizations of the website's design and functionality. Using HTML, CSS, and JavaScript, I built dynamic and intuitive user interfaces, enhancing the overall user experience.

**WEB DEVELOPER / SHOPIFY DEVELOPER –** Freelance – London, United Kingdom                    February 2023

- Developing responsive and mobile-friendly user interfaces using HTML, CSS, and JavaScript, ensuring compatibility across different browsers and adherence to web standards.
- Implementing front-end frameworks like Bootstrap or Tailwind CSS to streamline development processes and elevate user experiences.
- Integrating JavaScript libraries such as React.js to introduce dynamic and interactive elements to websites.
- Customizing content management systems (CMS) like WordPress or Shopify to provide clients with intuitive interfaces for managing and updating content.

**SHOPIFY DEVELOPER / WEB ANALYST –** Zyber LTD – London, United Kingdom                June 2022 - February 2023

- Utilized Excel to analyze and present information about the products added to the websites, including their performance metrics, sales data, and inventory levels.
- Collaborating with clients and project managers to understand requirements and translate them into technical specifications and functional solutions.
- Utilizing front-end web development technologies like HTML, CSS, and JavaScript to construct intuitive and interactive user interfaces.
- Generating website layouts, wireframes, and mock-ups to offer clients a visual preview of their websites prior to development.

**SHOPIFY DEVELOPER –** Passiflora – London, United Kingdom                    February 2022 - May 2022

- Transformed design concepts into visually appealing and functional websites, collaborating closely with designers and back-end developers.
- Wrote clean, efficient, and well-documented HTML, CSS, and JavaScript code, ensuring cross-browser compatibility and optimized website performance.
- Integrated front-end frameworks like Bootstrap to streamline development and enhance user experience, while incorporating dynamic elements with JavaScript frameworks like React.js.
- Conducted thorough testing and debugging to resolve UI-related issues, collaborating with UX/UI teams to enhance design feasibility and user experience.

## Education

**BACHELOR OF BUSINESS ADMINISTRATION** – London South Bank University – London, UK                    June 2019
Majors: Economics, International Business, HR

**BACHELOR OF BUSINESS ADMINISTRATION** – October 6 University – Cairo, Egypt                    June 2016
Majors: Economics, Political Science

## Certifications

- **Google Data Analytics Specialization**
  (Credential ID: K2BV8F4VLUEU)
- **Data Visualization with Tableau**
  (Credential ID: PH5T8KKMCPSR)
- **AWS Cloud Technical Essentials**
  (Credential ID: SBDRCZSNX5KT)