Data Analyst

Salah Alhaidari

0575675628 | salah.alhaidri@gmail.com
https://salah-alhaidri.github.io/Salah-Alhaidri-Profile-/

Skills

- SQL (SQLite, MySQL, PostgreSQL)
- Python (Pandas, NumPy, matplotlib, Django, OS)
- Data Cleaning & Preprocessing
- Statistical Analysis
- Data Modeling
- Django (Models, views, templates, forms, ORM, CBV, authentication, signals, DRF, deployment)
- AI & Machine Learning Skills
- Excel (VLOOKUP, Conditional Formatting, Pivot Tables, Power Query, PowerPivot)
- Git and GitHub
- Microsoft Power BI
- web Languages:(HTML5, CSS3, JavaScript, bootstrap)
- Data Collection Tools (Google Forms, Kobo Toolbox)

Projects

OpenForum Discussion Platform – Personal Project – October 2024

- A Django web app for IT/programming discussions, featuring Google OAuth, email notifications, and user-driven topic/comment creation.
- Content & Structure: Topics are organized into categories, built with Class-Based Views and SQLite for efficient data management.
- Deployment: Successfully hosted on PythonAnywhere for public access.

Sales data analytics system for the retail company – Personal Project – Yemen, Taiz   October 2024

- Developed a comprehensive sales data analytics system to enhance decision-making for a local retail company.
- Collected and analyzed sales data to identify trends and customer preferences.
- Implemented key performance indicators (KPIs) to track business performance and inform strategic planning.

Cholera response dashboard – Tamdeen Youth Foundation – Yemen, IBB   April 2024

- Developed a Power BI dashboard to display total cholera cases by month, district, health facilities, and dehydration status, enabling higher management to assess the cholera situation effectively.
- Transformed and processed cholera data using DAX and Excel to ensure data completeness and validity, supporting accurate reporting and analysis.
- Collaborated with higher management to identify key metrics for the final product, ensuring a focus on actionable insights for addressing the cholera situation in the upcoming year.

Sam data analysis project dashboard – Save The Children International (SCI)– Yemen, Taiz   April 2022

- Analyzed the SAM Database, covering sectors like health, nutrition, and WASH, to deliver actionable insights via dashboards.
- Displayed key metrics such as SAM causes by month, SAM cases by district, screened cases, and health facility data.
- Used Excel and Power Query for data cleaning and processing to ensure accurate and efficient reporting.

Automatic handwritten digit recognition system – Graduation Project – Yemen, Taiz   November 2020

- Conducted data analysis to preprocess and augment datasets of handwritten digits, ensuring high-quality input for the recognition system.
- Analyzed performance metrics of various algorithms to identify optimal methods for improving accuracy in handwritten digit recognition.
- Interpreted results from model training and validation to recommend strategies for achieving accuracy levels of up to 99% in digit recognition tasks.

Work Experience

DATA ANALYST OFFICER – Tamdeen Youth Foundation (TYF) – Yemen, Ibb   March 2024 - September 2024

- Perform data entry, cleansing, sorting, and validation of health and nutrition data in alignment with the work plan.
- Design and implement robust databases and advanced spreadsheets to drive operational efficiency and data accuracy.
- Ensure data quality by verifying input and correcting errors.
- Assist in the analysis of data to support project reporting and decision-making.
- Prepare and submit regular reports, including weekly, monthly, and quarterly updates.
- Provide feedback on data inconsistencies to the project team and suggest corrective actions.
- Respond to information requests from authorized staff and provide a data analysis.

DATA MANAGEMENT ASSISTANT – Save the Children International (SCI) – Yemen, Taiz   February 2022 - August 2023
- Collaborate in the design and validation of data collection and analytical tools to ensure accuracy and efficiency.
- Ensure the effective communication of data insights and findings to stakeholders and relevant communities.
- Support the development of a robust data management system by documenting, implementing, and streamlining standardized information workflows.
- Develop and conduct routine tests to evaluate data quality and identify potential inconsistencies or errors.
- Ensure data quality by verifying completeness and timeliness, identifying gaps in information management, recommending corrective actions, and providing timely feedback to project staff on issues like accuracy and completeness.
- Assist in implementing measures to ensure data validity and quality control, including random phone audits and on-site visits.

Certifications

- Diploma in English – Jan 2021
- Course in Microsoft Office Packages – Dec 2021
- Project Management Course – July 2022
- Course in Information Management – Oct 2022
- Information Management Training Program – Nutrition Cluster (remote), Dec 2022
- Oracle Certified Foundation Associate – Oracle Cloud Data Management – Aug 2023
- Youth Leadership Program 9 – Completed Innovation Camps (Yemen) – Dec 2023
- OPEN Teaching for the Future: English Teaching to Take on Climate Change – June 2024
- IBM Skills Build Project-Based Learning Program in Data Analysis – Sep 2024
- IBM Data Analyst Professional Certificate – Oct 2024

Education

BACHELOR OF SOFTWARE ENGINEERING. – Taiz University – Yemen, Taiz   June 2020
Majors: Software Engineering.