Nima Salah Osman

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Profile

An MSc in Data Science student with a strong foundation in data analysis, statistical expertise, and proficiency in platforms like PowerBI, Tableau, MySQL, Jupyter Notebook, and TensorFlow. Previously a Biomedical Scientist with expertise in data management, laboratory operations, and cross-functional collaboration. Driven, committed to excellence, and ready to contribute to a data-driven role.

Professional Experience

May 2020 – Feb 2024
London

Specialist Biomedical Scientist,
Barking, Havering And Redbridge University Hospitals NHS Trust
- Proficiently managed large datasets using Jupyter Notebook, leveraging libraries such as Pandas, Seaborn, and Matplotlib for data manipulation and visualisation.
- Collaborated with cross-functional teams to extract actionable insights by creating Tableau dashboards to monitor laboratory performance.
- Mentored and trained new staff, focusing on data analysis and data-driven decision-making.

Sep 2017 – May 2020
London

Medical Laboratory Assistant,
Barking, Havering And Redbridge University Hospitals NHS Trust
- Oversaw patient information and laboratory records, maintaining data integrity.
- Enforced SOPs for laboratory procedures and quality control.
- Perfected keen attention to detail in data handling of patient information.

May 2016 – Jul 2016
Florence, Italy

Research Intern, *University of Florence*
- Conducted research and meticulously collected data for a scientific project.
- Analysed and interpreted research findings, strengthening statistical analysis skills.
- Thrived in a diverse international team, improving communication and teamwork abilities.

Education

Apr 2023 – present
Colchester,
United Kingdom

Master of Science: Data Science, *University of Essex*
- Process, prepare and analyse raw data using Jupyter Notebook and relevant Python libraries (Seaborn, Matplotlib, Pandas).
- Perform statistical analysis using R programming languages.
- Creating data management systems for school databases using MySQL.
- Applied machine learning and deep learning (TensorFlow) to solve real-world data challenges.

Sep 2014 – May 2017
Portsmouth,
United Kingdom

Bachelor of Science (Hons): Biomedical Science, *University of Portsmouth*
- Extensive training in statistical analysis, laboratory data management, and research.

Skills

- Tableau
- MySQL
- R programming language
- Google Colab
- Jupyter notebook
- Github
- Tensorflow
- Visual Studio Code

Certificates

- Google Data Analytics: Professional Certificate
- Coursera: Python programming

Projects

Dashboard ⧉
Displays real-time, practical snapshot of the laboratory's status.

Transport survey ⧉
Analyse dataset to make recommendation for the improvement of the transport system

MMA dataset ⧉
Build a predictive model for identifying clients likely to open long-term deposit accounts