Anas Kouri

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EDUCATION

Brooklyn College - CUNY   **Brooklyn, NY**

Master of Science in Computer Science (3.82/4.0)   *Jan 2023*

Recipient of Rose Goldstein Memorial Scholarship

University of Poitiers   **Poitiers, France**

Master of Engineering in Energy Systems and Technology   *Dec 2020*

Master's degree in Project Management   *Dec 2020*

WORK EXPERIENCE

NUS Consulting Group   **Park Ridge, NJ**

Data Analyst   *May 2023 - Present*

• Developed and implemented a highly efficient data pipeline utilizing Python and advanced SQL queries to fetch energy rate data, resulting in a 50% reduction in processing time.

• Integrated the optimized data pipeline into our system using integration tools and VBA, leading to improved rate and financial analyses with an accuracy rate of over 95%.

• Designed and implemented advanced energy budgeting solutions by integrating Python, VBA, and PowerBI, resulting in scalable and efficient data analytics that reduced budgeting errors by 75%.

Ophthalmology and Cornea of Brooklyn   **Brooklyn, NY**

Data Analyst   *May 2022 - Apr 2023*

• Created and implemented a predictive modeling algorithm that reduced no-show rates by 20%, resulting in improved scheduling efficiency and a cost reduction of $50,000 per year.

• Analyzed patient data to identify patterns and trends in appointment scheduling, leading to the development of optimized scheduling procedures that reduced operational costs by 15%.

• Utilized data analysis techniques to identify areas of inefficiency in the business operations, resulting in process improvements that increased profit margin by 10%.

Stellantis   **Paris, France**

Data-Driven R&D Engineer   *Jul 2020 - Dec 2020*

• Utilized Transfer Path Analysis methodology to identify key areas for improvement in ICE and EV vehicles, resulting in a 20% reduction in NVH levels and a 15% decrease in CO2 emissions.

• Collaborated with 15 cross-functional teams to implement data-driven optimizations, leading to a 10% improvement in vehicle performance metrics and a 30% reduction in design cycle time.

• Conducted cost-benefit analyses on various design options, resulting in the selection of more efficient components that led to a 5% increase in fuel efficiency and a cost savings of $1M.

Liebherr Aerospace   **Toulouse, France**

Data-Driven R&D Engineer   *May 2019 - Oct 2019*

• Performed in-depth data analysis to identify and mitigate AC noise sources, resulting in a 30% reduction in noise levels for major aircraft manufacturers like Airbus and Boeing.

• Implemented advanced automation techniques to streamline the aircraft design process, reducing the time required for noise source identification by 50%, thereby increasing overall productivity.

• Developed innovative maintenance cost reduction strategies through data-driven insights, leading to an additional €500K in research funding secured for future projects.

LEADERSHIP EXPERIENCE

University of Poitiers   **Poitiers, France**

Co-creator of Campus-wide waste management system   *Sep 2017 - Dec 2020*

• Initiated and led a campus-wide waste management system involving 500+ students, resulting in a reduction of waste output by 30% and an increase in recycling rates by 40%.

• Implemented educational initiatives in eco-friendly habits, organizing workshops and seminars that reached over 1000 students, leading to an overall decrease in energy consumption by 20% across campus.

• Collaborated with local businesses to establish partnerships for sustainable practices, resulting in the implementation of composting programs that diverted over 50 tons of organic waste from landfills annually.

SKILLS

Programming Languages: Python (scikit-learn, seaborn, numpy, pandas, PySpark), SQL (PostgreSQL, MySQL), VBA, MATLAB
Data Visualization tools: Tableau, PowerBI, Excel (Pivot Table, Macros, PowerQuery, Dashboards, DAX, Nested if), Dash, Plotly
Technical & Analytical Proficiencies: Agile Methodologies, AI/ML, Time Series Analysis, Git, Autocad, Revit
Cloud Technologies: Azure SQL Database, Azure Data Factory, Azure Databricks, Azure Synapse Analytics, Azure Stream Analytics
Certifications: Google Data Analytics Professional Certificate, various data analysis certifications on Coursera/Udemy