Joseph Gordon-Mensah

Data Scientist

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SUMMARY

Versatile professional with a robust background in machine learning, data analysis, problem-solving and data visualization. I am Proficient in utilizing advanced analytical tools and techniques to derive actionable insights from complex datasets. I have effectively supported business objectives by translating data into actionable recommendations. I am experienced in cleaning, transforming, and modeling data to uncover trends and drive informed strategies to drive operational growth and optimize decision-making processes.

EXPERIENCE

Data Scientist
Upwork   📅 2023 - Present   📍 Lisbon

Upwork is a leading global freelancing platform connecting businesses with skilled freelancers in various fields, from writing and design to programming and marketing

- I Built a customer attrition random forest model that improved monthly retention significantly for clients likely to opt-out.This was done by providing relevant product features for them.
- I Extracted data from 4 disparate sources, and increased agility and accuracy with a centralized system and additional Tableau Dashboards.
- Constructed decision trees to optimize needed algorithms to better target the learning audience by 15%.
- Uncovered trends and patterns across different decades of client data.
- Explored crash locations and their impact on aviation safety using Python, SQL and Tableau.
- Created intuitive dashboards for an immersive exploration of the dataset.

Data Analyst Intern
Boston Consulting Group   📅 11/2023 - 12/2023   📍 Lisbon,Portugal

Boston Consulting Group(BCG), a global management consulting firm that provides advisory services to organizations across various industries, helping them solve complex business challenges and achieve strategic objectives.

- Completed a customer churn analysis for XYZ Analytics, demonstrating advanced data analytics skills, identifying essential client data and outlining a strategic investigation approach.
- Achieved an 85% accuracy rate in predicting customer churn.
- Conducted efficient data analysis using Python, including Pandas and NumPy.
- Employed data visualization techniques for insightful trend interpretation.
- Finished the engineering and optimization of a random forest model.
- Fulfilled a concise executive summary for the Associate Director, delivering actionable insights for informed decision-making based on the analysis.

Data Scientist Intern
British Airways   📅 10/2023 - 11/2023   📍 Remote, Lisbon

British Airways, one of the UK's leading airlines, is known for its extensive global network and premium service. It offers a blend of tradition and innovation in air travel.

- Utilized advanced data analytics techniques including word clouds, to extract and analyze sentiment from customer reviews sourced from Skytraxx.com.
- Leveraged insights to inform strategic decision-making and enhance customer satisfaction initiatives at British Airways.
- Demonstrated proficiency in data mining and sentiment analysis to drive actionable business outcomes.
- Increased Customer satisfaction significantly by 20% with insights.
- Applied data mining expertise to extract actionable insights, enhancing service quality by 20%.
- Developed a predictive model aimed at comprehending the determinants influencing purchasing behavior.

PROJECTS

🔗 https://gordonmensah.github.io/GordonDataScientist.github.io/#

All Projects and more can be found on My Git hub repository

CERTIFICATION

🎓 IBM DATA SCIENCE

SKILLS

Programming Skills
Python   GIT   Jupyter Notebook   Jupyterlab

Data Skills
Tableau   PowerBI   Excel   Data wrangling   Data Visualisation   Web Scraping   Model Building   Research

Statistical Analysis Tools
SPSS   R   Matlab

SOFT SKILLS
Adaptability   Public Speaking   Communication   Teamwork   Critical Thinking   Problem

LANGUAGES

Language	Level	
English	Native	●●●●●
Ukrainian	Advanced	●●●○○
Portuguesse	Intermediate	●●○○○

EDUCATION

Doctor Of Medicine
Ternopil National medical University   📅 2017 - 2023   📍 Ternopil, Ukraine