

Joseph Gordon-Mensah

Data Scientist

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SUMMARY

Versatile Data Scientist accomplished in compiling, transforming and analyzing complex information through software. Expert in machine learning and large dataset management. Demonstrated success in identifying relationships and building solutions to business problems.

WORK 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

- Built customer attrition random forest models that improved monthly retention significantly for clients likely to opt out.
- Extracted data from disparate sources, and increased agility and accuracy by 85% with centralized system and additional Dashboards.
- Constructed decision trees to optimize needed algorithms to better target learning audience by 15%.
- Leveraged cloud-based platforms to manage big data storage while maintaining scalability and accessibility of information assets.
- Automated repetitive tasks using scripting languages such as Python or R, saving time during analytical processes significantly.
- Participated actively in interdisciplinary teams' work integrating domain knowledge from marketing, sales or finance departments into analytical processes.
- Uncovered trends and patterns across different decades of client data.
- Optimized SQL queries for faster processing times, increasing overall productivity within team.

Data Analyst Intern

Boston Consulting Group | 11/2023 - 12/2023 | Remote, Lisbon

Boston Consulting Group(BCG), a global management consulting firm that provides advisory services to organizations across various industries.

- Completed customer churn analysis for BCGX Analytics, demonstrating advanced data analytics skills, identifying essential client data and outlining strategic investigation approach .
- Achieved 85% accuracy rate in predicting customer churn.
- Employed data visualization techniques for insightful trend interpretation.
- Finished engineering and optimization of random forest models.
- Fulfilled concise executive summary for management delivering actionable insight and informed decision-making based on analysis.
- Implemented efficient data mining techniques to optimize data collection processes.
- Streamlined data collection processes by implementing efficient data mining techniques.

Data Scientist Intern

British Airways | 11/2023 - 12/2023 | Lisbon

Boston Consulting Group(BCG), a global management consulting firm that provides advisory services to organizations across various industries.

- Applied advanced data analytics techniques, such as word clouds, to extract and analyze sentiment from customer reviews.
- Performed comprehensive exploratory data analysis to detect patterns and trends. Utilized clear visualizations and reports to inform project direction.
- Showcased expertise in data mining and sentiment analysis to generate actionable business insights.
- Developed predictive models focused on understanding factors influencing purchasing behavior.
- Enhanced machine learning algorithms through the integration of data preprocessing and feature engineering methodologies.
- Utilized time series forecasting techniques to anticipate future sales trends, facilitating informed decisions on resource allocation.

PROJECTS

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

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

CERTIFICATION



SKILLS

Programming Skills

Python | GIT | Jupyter Notebook
Jupyterlab | SQL

Data Skills

Tableau | PowerBI | Excel | Data Cleaning
Data Warehousing | Data wrangling
Data Visualization | Web Scrapping
Model Building | Business Forecasting
PowerPoint | Natural Language Processing
ETL | Machine Learning

Statistical Analysis Tools

SPSS | R | Matlab

SOFT SKILLS

Adaptability | Public Speaking
Communication | Teamwork
Critical Thinking | Problem Solving

LANGUAGES

English
Portuguese
Ukrainian

EDUCATION

Doctor Of Medicine

Ternopil National medical University

2017 - 2023 | Ternopil, Ukraine