RUTH AMANCIO
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SUMMARY

Data scientist skilled in data analysis, machine learning, and statistical programming, Proficient in extracting insights from large datasets to drive informed decision-making. Experienced in applying advanced analytical techniques to solve complex problems. Strong collaborator with a passion for leveraging data to drive business outcomes .

EDUCATION

Menoufia University - Faculty of science for mathematics and computer science
DEPI
Data analysis Program (03/2024)
IBM Data science professional
Data science Program (08/2023)

SKILLS

- programming Languages: Python, SQL, R
- Data Analysis Tools: Pandas, NumPy, Matplotlib, Seaborn
- Machine Learning Techniques: Supervised Learning, Unsupervised Learning, Regression, Classification, Clustering
- Deep Learning Techniques: TensorFlow, Keras, Neural Networks (Feedforward, Convolutional, Recurrent, LSTM, Transformers)
- Web Frameworks: Django, Flask
- Web Scraping: BeautifulSoup
- Statistics
- Time Series Analysis
- Problem-Solving
- Data Storytelling and Visualization Techniques

PROFESSIONAL CERTIFICATES

- GOOGLE ADVANCED DATA ANALYTICS - Google
- MATHEMATICS FOR MACHINE LEARNING AND DATA SCIENCE
- SPECIALIZATION - Deeplearning.ai
- IBM DATA SCIENCE PROFESSIONAL CERTIFICATE - Coursera
- EXCEL SKILLS FOR DATA ANALYTICS AND VISUALIZATION SPECIALIZATION-Creativa
- GOOGLE DATA ANALYTICS PROFESSIONAL CERTIFICATE-Coursera
- GOOGLE ANALYTICS CERTIFICATION-Google
- MACHINE LEARNING - University of Washington

RELEVANT PROJECTS

. Hotel Booking Cancellation Prediction (End-to-End Project): Developed a machine learning model to predict hotel booking cancellations, incorporating data on customer demographics, booking details, and hotel characteristics. accuracy 90.3% Achieved

. Taxi Fare Prediction (End-to-End Project): Developed a machine learning model to predict taxi fare prices, utilizing data on trip details, distance, time, and other relevant factors. Achieved an RMSE of 1.89

. Customer Churn Prediction: Developed a machine learning model to predict customer churn, achieving 89% accuracy