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EDUCATION

365 Data Science, Online Data Science and AI educational career website — Online
Data Science Career Track — November 2023

TamTam Digital School, School of programming — Lomé, TG
Certificate in Big Data, Data Science, Machine Learning & AI (BDDSML) — December 2021
- Relevant Coursework: Programming languages (Python, Java), Machine Learning, Data Science Statistics, Big Data Analytics, Relational and Non-Relational Databases, Mathematics and Probabilities.

PROFESSIONALS PROJECTS

Learning TamTam (learning.tamtam.com) — Lomé, TG
Wordpress, Machine Learning, NLP, AI, APIs, Data Analysis, SQL, Tableau, Git — June 2023 - Today
- Course Access: Enabled seamless online access to courses, materials, lectures, and assignments, promoting flexible and self-paced learning.
- Progress Tracking: Implemented intuitive dashboards for students to visualize achievements, track assignments, and manage their learning progress.
- Exams and Evaluations: Integrated a robust online examination system with automated scoring and immediate feedback, ensuring fair and accurate assessments.
- Transcript Management: Streamlined access to official transcripts, maintaining high standards of data security for academic records.
- AI Integration: Leveraged AI to provide personalized learning experiences, generating customized recommendations and learning paths based on individual student data.
- Creation of reports and stats to the academic team.

Names Project — USA - TG
Data Entry, Data Analysis, ETL, Python, SQL, APIs — January 2023 - May 2023
- Creation of a database about 1 bilion of First Names, Surnames, Influencers, ,Celebrities, Geographical names, Historical names, Cultural names, Biological/ botanical/ natural names, Scientific/ technology names, Literature names, Art names, Fun-sounding names, Twitter usernames, Instagram usernames, TikTok usernames, Twitch usernames, YouTube usernames and Reddit usernames by countries based on 10 languages such as English, French, Spanish, Deutsch, Dutch, Korean, Chinese, Russian, Japanese, Portuguese.
- Organization of the database by countries and include data in 10 languages: English, French, Spanish, German, Dutch, Korean, Chinese, Russian, Japanese, and Portuguese. Analyses of the collected data to extract meaningful insights and trends, and creation of visual representations to provide a clear and accessible understanding of the data.

Kaggle Competitions & Projects — Online
Data Science, Data Analysis, Machine Learning, Classification, Python, SQL, Jupyter — January 2022 - December 2022
- Customer Churn Prediction: In-class classification project
- Predict the Famous Cryptocurrencies: Predict the future of Top 5 Cryptocurrencies!
- Creditcards fraud detection: Detect fraud transactions
- 2022 Kaggle Machine Learning & Data Science Survey: The most comprehensive dataset available on the state of ML and data science
- Data Science for Good: City of Los Angeles: Help the City of Los Angeles to structure and analyze its job descriptions
- NFL Big Data Bowl 2022: Help evaluate special teams performance
- Santander Customer Transaction Prediction: Can you identify who will make a transaction?
- Google Analytics Customer Revenue Prediction: Predict how much GStore customers will spend
- Allstate Claim Prediction Challenge: A key part of insurance is charging each customer the appropriate price for the risk they represent.
- Loyal Customer Prediction: Determine whether a new customer will turn into a loyal one!

ACADEMIC PROJECTS

Customer Segmentation   Lomé, TG
Machine Learning, Classification, Clustering   September 2021 - December 2021
- Customer Analysis and Classification: Conducted analysis to classify customers based on purchasing power and age, and built a recommendation system to categorize them into four distinct groups.
- Model Development: Leveraged old market ranking conditions to develop a classification model for the new market, achieving a 0.53 accuracy rate.
- Implementation and Insights: Implemented the system to provide dealers with insights into customer preferences and priorities, optimizing company efficiency and customer satisfaction.
- Data Analysis and Reporting: Analyzed and identified patterns and trends in data sets, reported results to relevant business members, and defined new data collection and analysis processes.

Anime Database Recommendation System model   Lomé, TG
Data Analysis, Machine Learning, Item-Based Collaborative Filtering   August 2021 - September 2021
- Build a recommendation system model optimized for an anime and manga website in order to evaluate the level of interest of a user for certain products according to his previous behavior, and to automatically search for similar and potentially interesting products for him.

SKILLS

- **Programming Languages :** Python, Java, C, HTML, JavaScript, CSS
- **CMS :** Wordpress
- **LLMS :** ChatGPT**,** Gemini, Llama, Claude
- **Big Data & Machine Learning:** Spark, Hadoop, SQL, MongoDB, Python (e.g., scikit-learn, NumPy, pandas, matplotlib)
- **Data Science & Miscellaneous Technologies:** A/B testing, ETL, Data science pipeline (cleansing, wrangling, visualization,modeling, interpretation), Statistics, Probability, Mathematics, Algorithms and Data Structure, Prompt engineering Hypothesis testing, OOP, APIs, Excel, Git, Tableau, Looker, Power BI

WORK SUMMARY

TamTam Digital   Lomé, TG
School   Feb 2022 - Today
Junior Data Analyst

- Develop Java application to automate reformatting of text files for internal application use.
- Perform data extraction, storage, manipulation, processing, and analysis using Python, JavaScript, SQL.
- Normalize data from disparate sources such as social media (Facebook, twitter, etc…) for the organization use.
- Experience in SQL joins, sub queries, tracing and performance tuning for better running of queries