

Dorra Ben Abdallah - Junior Data Analyst

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EDUCATION

Bachelor of Science in Business Administration

Tunis Business School 2020 - 2024

Major: Business Analytics

Relevant courses: Data Analysis | Data Mining | Advanced Econometrics | Project Management.

Minor: IT

Relevant courses: Information System Analysis and Design | Data Base Management Systems | Web Service | Cyber Security.

PROFESSIONAL EXPERIENCE

Sourcing & Purchasing Analyst

Feb. 2024 - Jul.2024

Kumulus Water

Tunis

- Identified potential suppliers to optimize sourcing costs with a 40% machine cost reduction achieved.
- Analyzed current and potential suppliers' data for sourcing recommendations.
- Evaluated supplier capabilities, cost structures, and performance.
- Maintained an englobing database of supplier information, contracts, and negotiations.

Research Assistant

Aug.2023 - Jan.2024

60_decibels

India (Remote)

- Gathered Data through various methods, most notably surveys and questionnaires.
- Contributed to the preparation of research reports, papers, and presentations.
- Integrated the collected data through Excel.

Business Developer

Nov.2023 - Dec.2023

I Speak

USA (Remote)

- Conducted market research to understand industry trends, customer needs, and competitive landscapes.
- Identified and pursued new business opportunities to generate revenue and foster company growth.
- Created marketing content and collateral to support business development initiatives.

Data Analyst Intern

Sep.2023

TATA - Forage

Tunis

- Handled data by cleaning and prepping for analysis.
- Analyzed data to understand the context, trends, and insights to be conveyed through visualizations.
- Developed interactive dashboards using tools like Tableau and Power BI.

PROJECTS

- **My portfolio website:** An all-encompassing online website that portrays my experience, projects, and skills.
 - Technologies Used: HTML, CSS, Javascript, Git, VSCode.Details at: https://github.com/Celiandorra/Dorra_Portfolio_Project
- **Mushroom Classification:** Deployed traditional and deep learning models to accurately determine mushroom edibility, with a focus on AI explainability (XAI) using SHAP.
 - Technologies Used: Python, Pandas, Scikit-Learn, TensorFlow, Keras, Keras Tuner, Matplotlib, Seaborn, NumPy, GridSearchCV, RandomizedSearchCV, Logistic Regression, Random Forest, K-Nearest Neighbors, ANN, Tabnet, MLP, StandardScaler, Optuna, Git, VSCode.Details at: <https://github.com/Celiandorra/Mushroom-Classification->
- **Water Quality & Potability Prediction:** Analyzed water quality data and built models to predict potability based on key metrics. Employed EDA and machine learning for classification.
 - Technologies Used: Python, Pandas, Scikit-Learn, Jupyter Notebook, Matplotlib, Seaborn, NumPy, TensorFlow, Optuna, Git, VSCode.

Details at: <https://github.com/Celiandorra/WaterQuality-PotabilityPrediction>

- **FoodFindr: REST API:** A web app that displays restaurants' names, ratings, price ranges, number of reviews, and addresses according to different filters and categories.
 - Technologies Used: Node.js, HTML, CSS, PHP, Javascript, VSCode, SQL, PostgreSQL, Httpie, Vercel.

Details at: <https://github.com/Celiandorra/Restaurant-Rest-API>

- **Web Scraper:** A LinkedIn web scraper that collects company names and relevant details such as job title, company name, location, and other pertinent information.
 - Technologies Used: Python, Selenium, Pandas, Firefox Driver, VSCode.

Details at: <https://github.com/Celiandorra/Linkedin-Web-Scraping>

- **Data Projects:** Analyzed iconic sets: the Google analytics customer Revenue, IRIS, Titanic, Boston Housing prices, Breast Cancer, and Suicide rate datasets.
 - Technologies Used: Python, Pandas, Numpys, Plotly, Matplotlib, Linear Regression, RandomForest, DecisionTrees...

Details at: <https://www.kaggle.com/dorrabenabdallah>

- **Support Programs Impact Report:** A report to highlight and showcase the impact of the support programs mentioned on the performance of startups.
 - Technologies Used: Python, Pandas, Matplotlib, Seaborn, VSCode.

Details at: <https://github.com/Celiandorra/Support-Programs-Impact-Report>

- **Encryption Web App:** Encrypt, decrypt, and compute the hash of a chosen file: [encrypt.tn](https://github.com/Celiandorra/Security-Project)
 - Technologies Used: HTML, CSS, Bootstrap 5, JavaScript, JavaScript Crypto Functions, VSCode.

Details at: <https://github.com/Celiandorra/Security-Project>

- **Inventory Management and Sales Reporting System** Designed and implemented a comprehensive Inventory Management and Sales Reporting System tailored for small businesses.
 - Key Features: Streamlined inventory tracking, automated sales reporting, and intuitive user interface.
 - Technologies Used: Java, Object-Oriented Programming principles, VSCode.

Details at:

<https://github.com/Celiandorra/Inventory-Management-and-Sales-Reporting-System-Java-Project>

ADDITIONAL SKILLS

✓Microsoft suites ✓Google suites ✓PowerBI ✓Odoo ✓Linux

CERTIFICATIONS

● Data Cleaning and Preprocessing with Pandas	365 Data Science 2024
● Data Preprocessing with Numpy	365 Data Science 2024
● The Complete Data Visualization Course with Python, R, Tableau, and Excel	365 Data Science 2024
● SQL	365 Data Science 2024
● Statistics	365 Data Science 2024
● Introduction to Excel	365 Data Science 2024
● Data Strategy	365 Data Science 2024
● Data Literacy	365 Data Science 2024
● Intro to AI	365 Data Science 2024
● Introduction to Data and Data Science	365 Data Science 2024
● Machine Learning Deep Dive	365 Data Science 2024
● Intermediate Python	DataCamp 2023
● MongoDB and the Document Model	MongoDB 2023
● MongoDB Data Modeling Intro	MongoDB 2023
● Introduction to MongoDB	MongoDB 2023