

Amina Ben Youssef

Junior Data Scientist

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PROFESSIONAL SUMMARY

- Junior Data Scientist with two years of experience specializing in machine learning, predictive modeling, and data visualization to transform raw data into actionable business insights.
- Proficient in Python, SQL, and Tableau, with a proven track record of building predictive models and creating interactive dashboards for operational efficiency.
- Eager to contribute to scalable data solutions and drive business optimization through data analysis.

SKILLS

Programming

- Python (pandas, scikit-learn, matplotlib, seaborn), R

Machine Learning

- Regression, Classification, Clustering, Decision Trees

Databases & Querying

- SQL, PostgreSQL

Visualization

- Tableau, Power BI, Plotly

Workflow & Collaboration

- Git, Jupyter Notebooks, Agile methodologies

Areas of Expertise

- Machine learning and predictive modeling, Data cleaning, transformation, and feature engineering, Statistical analysis and hypothesis testing, Data visualization and dashboard creation, Exploratory data analysis (EDA), Business intelligence and insight translation

PROFESSIONAL EXPERIENCE

Junior Data Scientist - SmartLogix

Tunisia

- Developed a predictive delivery-time model that improved route efficiency, reducing average delays by 12%.
- Contributed to developing predictive models for delivery times and optimizing route planning.
- Collaborated closely with engineers, product managers, and operations teams to translate model outputs into actionable insights, improving client satisfaction and operational KPIs.

- Presented insights from logistic datasets to leadership, influencing key operational decisions.

Data Analyst Intern - InnovData Solutions

Tunisia

- Built interactive dashboards that helped operations managers identify bottlenecks and optimize resource allocation.
- Automated data cleaning workflows for multiple client datasets, saving over 20 hours of manual work per month.
- Supported small business clients in creating dashboards, cleaning datasets, and running exploratory analyses.
- Demonstrated strong attention to detail and identified patterns in structured and unstructured data.

EDUCATION

Master's Degree - Data Science

Université de Tunis | Tunisia