

ATA AVLAR

Data Science M.Sc. | 3+ years driving business impact through scalable data solutions. Adept at translating complex datasets into actionable strategies across industries. Proven track record in automation, predictive modeling, and stakeholder collaboration.

CONTACT

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<https://github.com/ataavlar>

LANGUAGES

Turkish - Native

English - Advanced

French - Advanced

Spanish - Beginner

HARD SKILLS

Python, NumPy, Pandas, Plotly, Scikit-Learn, LangChain, PyTorch, Deep Learning, NLP, Prompt Engineering, Streamlit, SQL, No-SQL, Data Pipelines, Docker, R, Tableau, PowerBI & Power Apps & Power Automate, DAX, Gitlab, Data Governance

SOFT SKILLS

Cross Functional Teamwork, Project Management, Collaboration, Adaptability and Flexibility, Creativity and Innovation, Analytical Thinking, Critical Thinking

CERTIFICATES & TRAININGS

- AWS Cloud Practitioner, 2024
- Dataiku ML Practitioner, 2024
Google Data Analytics Professional Certificate, 2023
- Leading to Inspire by The Russell Partnership, 2023

INTERESTS

New Generative AI Tools, Traveling, Movies, Football, Tennis, Snowboard, Running, Mindfulness, Wellbeing, Chess, History, Music

WORK EXPERIENCE

Ubisoft, Data Scientist, Paris — 2024-2025

- Conducted research on Generative AI API tools, benchmarking their performance against traditional methods.

- Developed Streamlit applications on Dataiku for topic modeling and sentiment analysis to streamline processes and support the marketing team, reducing manual analysis time by automating data workflows.

- Built a Retrieval Augmented Generation (RAG) application to enable easy retrieval of marketing reports, enhancing the accessibility and efficiency for the team.

- Enhanced Tableau dashboards using Generative AI APIs and custom visualizations to deliver deeper insights, improve data storytelling, and support strategic decision-making.

JTI, Data Analyst - Quality Management , Izmir —2020-2023

- Developed SQL scripts to aggregate quality data and built a Power BI dashboard tracking KPIs, achieving a 30% improvement in machine performance monitoring.

- Designed ETL pipelines in Power BI (DAX/Power Query) to consolidate data from 5+ systems, cutting weekly reporting time from 6 hours to 1 hour and enabling stakeholders to self-serve 80% of operational queries.

- Conducted thorough analyses of consumer feedback, employing root cause analysis to inform strategic planning and reduce complaint rates by over 20%.

- Directed and executed high-priority quality process improvement initiatives, consistently achieving project goals and elevating the company's standard of excellence.

EDUCATION

EM Lyon Business School, Paris — M.Sc. in Data Science & Artificial Intelligence Strategy 2023-2024

Focused on applying advanced data science techniques to solve real-world business problems in fast-paced environments.

Sabanci University, Istanbul — Bachelor's Degree in Industrial Engineering, Minor in Finance

100% Academic Scholarship, CGPA: 3.69/4.00 High Honor Degree

EM Strasbourg Business School, Strasbourg — Erasmus - Finance Saint-Joseph French High School, Izmir

PROJECTS & ACTIVITIES

ENGIE - User Journey Optimization Project — 2024

Analyzed user journeys and implemented NLP solutions to enhance customer experience and optimize data utilization.

SCHMIDT - Sensitivity Analysis on Production— 2024

Identified key features impacting operational efficiency using machine learning , delivering actionable insights to support strategic decisions.

REFERENCE

Grégoire Laloux - Data Science & Global Strategic Insight Manager — Ubisoft

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For more information please visit my website!

