TALEL TAIEB
DATA ANALYST

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Profile Summary

Data Analyst with 3+ years of experience at Airbus, delivering business-critical dashboards, reporting systems, and data models to support operational and strategic decision-making across manufacturing, HR, and product design. Expert in SQL, Power BI, Tableau, and Streamlit, with a strong ability to turn complex datasets into actionable insights. Proven track record of partnering with stakeholders to define KPIs, automate reports, and build scalable data pipelines, driving efficiency, visibility, and measurable business impact.

Skills

Technical Skills:
- <u>Languages & Programming:</u> Python, SQL, Bash, PySpark
- <u>Machine Learning & AI:</u> Classification, Regression, Clustering, Time-Series Forecasting, NLP (BERT, Transformers), Anomaly Detection, Feature Engineering, Hyperparameter Tuning
- <u>Frameworks & Libraries:</u> scikit-learn, XGBoost, LightGBM, TensorFlow, PyTorch, Hugging Face, FastAPI
- <u>Dashboards & Reporting:</u> Power BI, Tableau, Streamlit, Looker, Skywise
- <u>Data Engineering & Pipelines:</u> Airflow, dbt, ETL design, Redshift, Snowflake, Skywise
- <u>Big Data & Cloud:</u> Spark, AWS (basic), Cloud data warehouses, CI/CD concepts
- <u>Visualization & Apps:</u> Tableau, Power BI, Streamlit, Looker
- <u>Deployment & APIs:</u> FastAPI, Streamlit, Docker (basic), ML model integration in production environments

Soft Skills:
- Adaptability
- Autonomy
- Critical Thinking
- Business Insight
- Communication
- Problem-Solving
- Team Collaboration

Professional Experience

Airbus | Toulouse
Data Analyst
09/2022 - 02/2025

- Designed and deployed interactive dashboards (Looker, Tableau, Streamlit) to track operational KPIs across HR, design, and manufacturing, adopted by 5 teams
- Developed SQL-based reports and data models to monitor aircraft design change requests, reducing review time and prioritization bottlenecks
- Collaborated with stakeholders (engineers, HR, PMs) to define actionable KPIs and build recurring reports integrated in Skywise
- Automated anomaly detection alerts for high-risk client requests, increasing issue visibility and reducing late-stage escalations
- Built ETL workflows in Skywise/dbt to transform raw logs, HR data, and technical reports into clean datasets for reporting and exploration
- Contributed to cross-functional decision-making by analyzing time-series trends, risk signals, and feature impacts on process efficiency

Education

INSA TOULOUSE & ENSEEITH | Toulouse
Double Engineering Degrees in Applied Mathematics, Computer Science
02/2025
- Specialized in Hybrid Artificial Intelligence: combining machine learning with mathematical modeling (deterministic and probabilistic approaches).
- Certified by the Commission des Titres d'Ingénieur (CTI).
- Apprenticeship-based training alternating between Airbus enterprise projects and academic coursework.

Languages

English: C1
French: C1
Arabic: C2