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TECHNICAL STACK

Python (Pandas, NumPy, Scikit-learn)
SQL & Database Management
Power BI / Data Visualization
ETL & Data Pipelines
Git / Docker Basics

SOFT SKILLS

Analytical Rigor
Problem Solving
Team Coordination
Scientific Research

LANGUAGES

English: Professional / Fluent
Technical Documentation & Daily use

French: Native
Spanish/Arabic: Basic

ZAKARIA HANSALI

Data Analyst & Junior Data Scientist

Student in **Data Science (B.U.T. STID)** with a strong focus on bridging the gap between raw data and actionable insights. I combine technical skills in **Python & SQL** to build robust data pipelines with the business acumen to create clear **BI Dashboards**.

01 KEY TECHNICAL PROJECTS

LLM Inference Optimization Benchmark

R&D Project

Python | AI Performance | Data Analysis

- Objective:** Evaluate and optimize the performance of Large Language Models (Llama-3-70B) on GPU infrastructure.
- Action:** Conducted a rigorous technical benchmark comparing inference engines (vLLM vs SGLang). Analyzing throughput, latency, and memory usage.
- Result:** Produced a technical report highlighting a 29% performance gain with SGLang in specific high-load scenarios.

End-to-End Data Pipeline (ETL)

Data Engineering

Python | SQL | Data Quality

- Context:** Processing unstructured telemetry data from gaming logs (Overwatch).
- Action:** Built an automated pipeline to extract raw logs, clean data (handling missing values/duplicates with Pandas), and load structured data into a SQL database.
- Result:** Created a reliable dataset used for player performance analysis and statistical modeling.

Interactive Business Dashboards

Business Intelligence

Power BI | Excel VBA | Reporting

- Design and development of dynamic dashboards to monitor Key Performance Indicators (KPIs).
- Data modeling (Star Schema) and DAX measure creation to visualize trends and support decision-making.

02 EDUCATION

B.U.T. Statistics and Business Intelligence (STID)

2022 – Present

IUT des Pays de l'Adour (France)

- Equivalent to a 3-year Bachelor's degree (180 ECTS).
- Core Courses:** Database Management, Statistical Analysis, Programming (Python/R), Business Intelligence.

03 PROFESSIONAL EXPERIENCE

E-Sport Team Manager

2021 – 2023

Team Management & Strategy

- Managed a competitive team in an international environment.
- Analyzed opponent data to define match strategies (Game Theory).
- Coordinated schedules and ensured team cohesion under pressure.