

# ZAKARIA HANSALI

DATA ANALYTICS INTERN | #DISCOVER PROGRAM

 Spanish National (Madrid)

 Available: March 2nd, 2026

 zaka.hansali@gmail.com

 +33 7 54 12 86 31

Spanish National from Madrid with a strong background in **Statistics** and **Data Engineering**. Specialized in processing high-frequency telemetry data and optimizing analytical code (Python). Eager to join the A320 Family Chief Engineering team in Getafe to support aircraft operations analysis.

## RELEVANT DATA EXPERIENCE

### Telemetry Data Analysis & Log Processing

Python | Time-Series

- Context:** "Get familiar with Aircraft Operations (logbook, manuals)."
- Action:** Engineered a pipeline to analyze massive telemetry logs (Time-series data: Timestamp, Sensor/Action, Status). Structurally identical to aircraft operational logs.
- Outcome:** Detected anomalies and operational deviations in real-time data, providing insights for system performance improvement.

### Code Optimization & Benchmarking

Efficiency | Python

- Context:** "Modify data analytics codes to speed up and optimise analysis timelines."
- Action:** Conducted a technical benchmark (vLLM vs SGLang) to measure and optimize computing latency and throughput.
- Skill:** Proficient in refactoring Python code to reduce execution time and handle larger datasets efficiently.

### Technical Reporting & Visualization

Power BI | Storytelling

- Context:** "Prepare summary presentations of the analysis results."
- Action:** Created automated Power BI dashboards to translate complex technical metrics into executive summaries for decision-makers.
- Capable of communicating conclusions clearly to "customer services teams."

## EDUCATION

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

2022 – Present

- Focus on **Statistical Analysis**, **Data Mining**, and **Programming**.
- Spanish National returning to Madrid for the #DISCOVER program.

## TECHNICAL SKILLS

### Analysis & Code

Python (Pandas, NumPy)  
Code Optimization  
Telemetry Analysis  
SQL & Databases

### Visualization

Power BI  
Data Storytelling

## LANGUAGES

**Spanish:** Native (Madrid)

**French:** Native

**English:** Fluent (C1)

## WHY AIRBUS?

*"I want to apply my data skills to complex systems like the A320, turning operational logs into safer, more efficient flights."*