



# GEORGE ABOU JAOUDE

## SENIOR ANALYTICS ENGINEER

Beirut, Lebanon | +961 76 545531 | [georgeaboujaoudeh@outlook.com](mailto:georgeaboujaoudeh@outlook.com)

[linkedin.com/in/george-abou-jaoude](https://www.linkedin.com/in/george-abou-jaoude)

*Open to relocation: Czech Republic, Poland (open to EU opportunities)*

## SUMMARY

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Senior Analytics Engineer with 4+ years of experience building scalable data models and production-grade analytics solutions in healthcare and enterprise environments. Specialized in SQL, dbt, Looker, PowerBI, Qlik, BigQuery and Airflow, with a proven track record of optimizing SQL workloads and delivering high-performance dashboards used by 1,000+ stakeholders.

## EXPERIENCE

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### Senior Analytics Engineer

*Nov 2023 – Present*

*Cardinal Health | Beirut, Lebanon*

- Built and maintained 8+ executive Looker dashboards tracking patient safety and financial KPIs, used by 1,000+ stakeholders across multiple business units.
- Designed scalable data models and advanced LookML implementations, leveraging persistent derived tables (PDTs) and caching to improve dashboard performance and reduce load times by up to 80%.
- Optimized complex SQL queries on BigQuery datasets with millions of rows, significantly enhancing query efficiency and overall data pipeline performance.
- Partnered with cross-functional teams to translate business requirements into scalable analytics solutions, enabling faster, data-driven decision-making impacting patient safety and operational performance.

### Analytics Engineer (Side Project)

*April 2024 – May 2026*

*ADREA (Abu Dhabi Royal Equestrian Arts) | Remote*

- Designed and built an end-to-end Postgres schema (60+ tables) for an IoT-based facility management and animal welfare platform monitoring 46 horses across 4 stables, owning the full data layer from ERD design through dashboard delivery.
- Modeled high-frequency sensor data (heart rate, vitals, body temperature, environmental readings) and AI-classified camera behavior signals (standing, eating, agitation, etc.) into clean, query-ready tables supporting real-time monitoring and historical trend analysis.
- Built a multi-tab Metabase dashboard suite (Stables, Horses, Camera AI, Anomaly Tracker) used by vets, trainers, and facility managers, including derived wellness scoring with week-over-week trend classification (IMPROVING / DECLINING) and per-stable environmental KPIs.
- Operated within a 4-person team alongside cloud, infra, and mobile engineers, owning database architecture and analytics layer end-to-end.

### Business Intelligence Developer

*Jun 2022 – Nov 2023*

*Globemed Group | Beirut, Lebanon*

- Developed and maintained Qlik dashboards (including self service solutions) used by insurance clients to monitor claims across millions of rows, while managing Qlik administration including user roles and access control.
- Migrated dashboards from QlikView to QlikSense, improving performance and usability.
- Built and optimized Talend ETL pipelines and Oracle (SQL/PLSQL) validation procedures, ensuring reliable and automated data workflows.
- Improved Qlik data models and QVD scripts to reduce load times.
- Developed an internal HR dashboard (Jira-based) for sprint and team performance tracking.

## Business Analyst Intern

Aug 2021 – Dec 2021

PFC International | Beirut, Lebanon

- Independently managing a dual-concept beauty salon and cafe project by reviewing and assessing project concept, product applications and business model and conducting a competitors' comparative analysis for both aspects of the project with calculation of expected occupancy and turnover rates.
- Analyzing demand drivers, forecasted market demand and CAGR for the Residential Real Estate sector in Qatar.

## SKILLS

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**ETL & Orchestration:** Airflow, Talend

**Data:** SQL, Python, dbt, PL/SQL, LookML, Oracle, BigQuery, Postgres

**Analytics Engineering:** Data Modeling, Semantic Layer Design, ERD / Schema Design, IoT / Sensor Data, Incremental Models

**BI Tools:** Looker, Power BI, Qlik Sense, QlikView, Metabase

**Tools:** Git, Jira, Docker

## PROJECTS

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Garmin Training Analytics — Personal Data Engineering Project -

<https://github.com/georgeaboujaoudeh/garmin-analytics>

- Designed and built an end-to-end analytics pipeline on personal Garmin Connect data: Python ingestion → Postgres warehouse → dbt transformations → Metabase dashboard, orchestrated with Airflow.
- Authored 5 dbt models (staging + marts) with incremental materialization, custom tests, source freshness checks, and full documentation; modeled domain-specific metrics including acute-to-chronic workload ratio (ACWR), heart-rate zone time-in-zone, and session-profile classification.
- Built a 10-tile Metabase dashboard surfacing training trends, recovery signals, and the insight that 55% of running sessions fell into the unproductive "gray zone" — driving a real change in training plan.
- Orchestrated daily refreshes with Apache Airflow, defining a DAG with retry logic and task dependencies to automate ingestion + transformation.
- Stack: dbt Core, Postgres, Python, Metabase, Apache Airflow, Docker.

## EDUCATION

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**Bachelor of Arts: Business Management**

Sep 2018 – Sep 2021

Open University | GPA: 3.0/4.0

## RELEVANT COURSES

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- Google Cloud Data Analytics Certificate
- BigQuery for Data Engineers
- Python for Data Science and Machine Learning Bootcamp

## LANGUAGES

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English (Fluent), French (Fluent), Arabic (Native), Czech (Beginner)