

JUST SALA FARRE

• Data Engineer • Data Analytics Enginner •

ABOUT

Passionate about designing and implementing scalable data solutions using modern data stack technologies to drive data-driven decision-making. Skilled in building robust ETL/ELT pipelines, optimizing Data Architectures, ensuring Data Quality in the models, and assure Data Governance through the data users.

Adaptable professional with 6+ years of international experience, excelling in diverse environments. Committed to continuous learning, problem-solving, and innovation.

Personal interests: Technology, philosophy & outdoor activities.

EDUCATION

2020/08 - 2020/12 • Udacity,
Data Engineering Nanodegree

2019/09 - 2020/05 • Satrudat.AI,
AI & Machine Learning Postgraduate

2016/10 - 2017/04 • Australian Pacific College,
Diploma of Leadership & Management

2014/10 - 2015/05 • Universitat de Barcelona,
Master degree in Supply Chain & International Trade

2009/09 - 2014/06 • Universitat de Lleida,
Business Management degree

WORK EXPERIENCE

2023/05 Data Engineer

- **Freelance Consultant | Remote / Barcelona**

Present

- Designed and optimized end-to-end data pipelines, reducing cloud costs and processing overhead while ensuring a scalable and efficient data warehouse architecture for large datasets.
- Led the development of a GA4 integration handling 100M+ events per day, designing and building scalable and efficient data models for Business Intelligence reporting and Data Science algorithms.
- Developed custom solutions to automate repetitive tasks, accelerating team workflows and improving development efficiency, for tests, filter on incremental models, merge predicates, documentation of columns and tables, creation of external tables and more.
- Design SQL model structures with incremental select statements to ensure efficient data processing and creation of control columns to prevent duplicates and maintain data integrity.

2022/04 Data Analytics Engineer

- **Wallbox Chargers | Remote / Barcelona**

2023/02

- Designed and implemented a Data Governance application, ensuring company-wide enforcement of data sensitivity policies and model management.
- Built and maintained CI/CD pipelines, automating deployments, ensuring pre-production stability, and validating changed models before production release.
- Designed and maintained a scalable data model in dbt, including the development of an Activity Schema to enhance analytics capabilities.
- Led data-driven analysis along with Data Analyst for identifying key factors in improving performance. Insights from this project increased connectivity rates and boosted the app's customer reviews on app.

2021/04 Data Analytics Engineer

- **The Colvin Co | Barcelona / Remote**

- 2022/02**
- Led the migration from on-premises to Google Cloud Platform (GCP), designing and implementing a scalable data architecture.
 - Orchestrated SQL transformations with dbt, ensuring efficient and maintainable data pipelines.
 - Redefined schemas and optimized analytical databases to improve query performance and reporting efficiency.
 - Developed and deployed REST API integrations within GCP services, enhancing data accessibility and automation.
 - Built and maintained LookML models in Looker, enabling self-service analytics and improving business intelligence capabilities.

2019/11 Business Intelligence Analyst

- **The Colvin Co | Barcelona**

- 2021/03**
- Designed and implemented Power BI models and applications from scratch.
 - Conducted stakeholder analysis to identify key KPIs, ensuring reports provided actionable insights and enhancing data-driven decision-making.
 - Developed a Power BI solution to track hourly sales vs forecast, optimizing pricing strategies by increasing prices on high-demand products and reducing prices on slow-moving inventory as we sell perishable products.
 - Redesigned ETL pipelines to support incremental data updates of the tables, ensuring data integrity, performance optimization.
 - Built and integrated a custom API connector for Google Analytics Universal, enabling automated data retrieval and in-depth web traffic analysis.

2018/09 Supply Chain Business Analyst

- **ToolsGroup | Barcelona**

- 2019/11**
- Managed demand planning by generating purchase orders based on SQL-driven forecasting models (Toolsgroup), enhancing inventory optimization.
 - Strengthened SQL expertise through extensive DML and DDL operations, optimizing data processes for demand forecasting and reporting.
 - Developed an automated email dispatch system, sending personalized reports to different recipients, streamlining reporting efficiency.
 - Built Power BI dashboards and optimized SSMS queries to enhance Business Intelligence and decision-making.
 - Monitored key KPIs to drive inventory replenishment, improve stock management, and optimize supply chain performance.

2017/09 Supply Chain Technician

- **Zatorcal | St. Maria de Palautordera**

- 2018/09**
- Developed a labeling program to track produced parts with the Production Order and Factory Shift, integrating key timestamps (production date and finished date).
 - Designed a database solution to store and analyse the data from the labeling program, improving data-driven decision-making that enabled better production planning by accurately calculating lead times, and optimizing production line changeovers.

SKILLS

dbt	<div><div></div></div>	Data Warehousing (Databricks, Snowflake, BigQuery)	<div><div></div></div>
Cloud Infrastructure (AWS, GCP, Azure)	<div><div></div></div>	Airflow	<div><div></div></div>
Python	<div><div></div></div>	Data Architech	<div><div></div></div>
Data Visualization (Power BI, Looker)	<div><div></div></div>	CI/CD	<div><div></div></div>
IaC	<div><div></div></div>	Agile Metodology	<div><div></div></div>

CERTIFICATIONS

2025/05	dbt Certified developer dbt Labs Credentials Link
2025/03	Google Analytics Google Credentials Link
2025/02	Databricks fundamentals Databricks Credentials Link
2023/04	DAG Authoring Astronomer Credentials Link
2021/10	Professional Data Engineer Google Credentials Link
2020/07	Azure Fundamentals Microsoft Credentials Link
2019/09	MCSA BI Reporting Microsoft Credentials Link

More certificates on LinkedIn Web page [Link](#)

LANGUAGES

Catalá	<div><div></div></div>	Español	<div><div></div></div>
English	<div><div></div></div>	Italian	<div><div></div></div>
German	<div><div></div></div>		

COMPETENCES

SQL • Python • GCP • AWS • Azure • dbt • Databricks • Snowflake • BigQuery • ETL • Spark • Fivetran • Airbyte • Terraform
CI/CD • Git • Docker • Kubernetes • Apache Kafka • NoSQL • MongoDB • Cassandra • Grafana • Power BI • Looker • Tableau
Agile • Scrum • Data Governance • Data Quality • Data Architect • Data Strategy • Business Intelligence • Business Modeling
Machine Learning • Teamwork • Problem Solving • Responsibility • Self-motivation • Decisiveness • Mentorship & Leadership