

Carlos Rubén Tosoratto

Data Analyst | Advanced Excel, Power BI & SQL | Process Optimization & Business Insights

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Portfolio: <https://car-toso.github.io/Car-Toso/>

Professional Summary

Business Intelligence Analyst with 2 years of experience transforming raw data into dashboards, KPIs, and analytical insights that support operational and strategic decision-making. Strong SQL skills (joins, aggregations, query optimization), data modeling, ETL preparation, and visualization expertise using Power BI and Tableau. Experienced in debugging data quality issues, validating metrics, automating reports, and building insight-driven dashboards that communicate trends and performance. Skilled at gathering requirements, translating business logic into analytical solutions, and collaborating with cross-functional stakeholders. Proven ability to operate autonomously in fast-paced, data-driven environments.

Core Competencies

Business Intelligence • SQL Querying • Dashboard Development • Data Visualization • Reporting Automation • Data Quality Troubleshooting • Metric Definitions • Stakeholder Requirements • Analytical Problem-Solving • KPI Tracking • Trend Analysis • Cross-Functional Collaboration

Technical Skills

Business Intelligence & Data Analysis:

Power BI (Advanced), DAX, Power Query, SQL (joins, CTEs, aggregations, window functions), Tableau (Intermediate), Dimensional Modeling, ETL Fundamentals, Data Cleaning, Data Quality Validation, KPI Design, Reporting Automation, Trend Analysis, Root-Cause Analysis, Data Visualization Best Practices.

Programming:

Python (Beginner), R (Basic).

Tools:

Excel (Advanced), Git, Documentation & Process Mapping.

Engineering & Design (Additional):

SolidWorks (Advanced), Inventor (Advanced), Fusion 360 (Advanced), AutoCAD (Advanced), 3D Printing, FEA (SolidWorks/COMSOL), PLC (Intermediate).

Languages:

English (B1 – Intermediate), Portuguese (A2), Spanish (Native).

Professional Experience**Business Intelligence & Data Analyst (Founder) – CRAM Ingeniería**

Jan 2022 – Present | Rosario, Argentina

- Built and maintained BI dashboards (Power BI) covering performance, operations, inventory, and customer behavior.
- Designed SQL queries, data models, and ETL flows to automate reporting and improve data accuracy.
- Investigated data issues, debugged SQL queries, and resolved discrepancies across multiple data sources.
- Translated business requirements into analytical solutions and actionable insights for leadership.
- Conducted trend analysis, KPI development, and root-cause analysis to identify drivers of performance.
- Documented dashboards, metrics definitions, and reporting processes to ensure clarity and consistency.

Business Intelligence & Process Analyst (Partner) – CRT Metalurgia

Mar 2004 – Present | Rosario, Argentina

- Analyzed production, inventory, and operational data to detect bottlenecks and performance patterns.
- Developed dashboards and KPIs for supply chain performance, inventory rotation, stock accuracy, procurement trends, and operational efficiency.
- Ensured data quality, validated metrics, and participated in reporting improvements.
- Collaborated with stakeholders to understand needs and convert them into BI deliverables.
- Documented and improved supply chain and procurement workflows to support operational decision-making.

Engineering — Industrial Companies (2014 – 2022)

Nov 2014 – Mar 2022 | Rosario, Argentina

- Performed data-driven analysis for process optimization, cost reduction, and operational efficiency.
- Built dashboards and KPIs to track productivity, quality, logistics, and maintenance performance.
- Collected and validated data from multiple sources to ensure accuracy and consistency.

- Participated in cross-functional initiatives to improve processes and reporting frameworks.
- Communicated findings and recommendations to managers and stakeholders.

Projects

- **Olist Brazil – E-commerce Analytics (Power BI):** Customer cohorts, retention, conversion, and sales performance dashboards using Power BI and DAX.
Skills: Power BI • DAX • Data Modeling • KPI Design • Funnel Analysis
- **CS50 SQL – Project Manager Database:** Relational database design with views, triggers, constraints, and Power BI reporting.
Skills: SQL (DDL/DML) • Joins • Views • Triggers • Query Optimization • Power BI
- **AdventureWorks – Sales & Customer Insights Dashboard:** Segmentation, sales funnel, opportunity analysis, and star schema modeling.
Skills: Power BI • DAX • Star Schema • Segmentation • Sales Analytics
- **Bellabeat – Google Capstone (BigQuery + Tableau):**
Behavioral analysis using BigQuery SQL and Tableau dashboards for activity and engagement trends.
Skills: BigQuery • Tableau • SQL Analysis • Trend Analysis • Visualization
- **Electromás – Retail BI:**
Sales, margins, stock rotation, and inventory health KPIs with standardized reporting.
Skills: Power BI • KPI Frameworks • Inventory Analytics • Data Cleaning • ETL Prep
Sales, margins, inventory rotation, stock health KPIs.

Certifications & Courses

- Microsoft Power BI Desktop: Advanced DAX for Data Analysis – Udemy (2025)
- Microsoft Power BI Desktop for Business Intelligence – Udemy (2025)
- CS50's Introduction to Databases with SQL – Harvard, EdX (2025)
- Complete Power BI Course in 14 Days – Udemy (2025)
- Google Data Analytics Professional Certificate – Coursera (2024)
- Ventilation System Design & Calculation – UTN Rosario (2023)
- Advanced FEA with SolidWorks – UTN Resistencia (2021)
- Finite Element Simulation with SolidWorks – UTN Resistencia (2018)

Education

Mechanical Engineering– UTN Rosario

Feb 2006 – Dec 2013 | Rosario, Argentina

Electromechanical Technician– EET N.º 466

Jan 2000 – Dec 2005 | Rosario, Argentina