

ANTONY SANCHEZ

Data Analyst · Data Engineering · AI & Automation

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PROFESSIONAL SUMMARY

Industrial Engineer and Data Science student with nearly 2 years of experience turning data into end-to-end solutions. Specialized in **AI automation** (AI agents, LLMs, n8n), **data engineering and analytics** (ETL, APIs, Power BI) and development, taking solutions from raw data all the way to production.

TECHNICAL SKILLS

AI & Automation: AI Agents, LLMs, LangChain, LangGraph, n8n

Data & Analytics: ETL processes, PostgreSQL, Power BI, Pandas, Streamlit, data validation & integrity

Languages: Python, SQL

Development & Integrations: FastAPI, Flask, APIs & Webhooks

Cloud: AWS (EC2, S3), Containers

Other tools: Advanced Excel, Power Apps, Cloudflare Workers, Stripe

PROFESSIONAL EXPERIENCE

Data Analyst — Costek

Aug. 2024 – Present

Medellín, Colombia

- Designed and implemented **automation workflows with n8n and AI agents** that eliminated repetitive manual tasks, reducing data processing time.
- Built **AI voice agents** to automate request handling and management, integrated with n8n workflows and APIs.
- Developed **ETL** processes and automated corporate reporting with Python and Power BI.
- Analyzed service trends and resolution times, delivering actionable insights to stakeholders.

Data Analysis Intern — Celsia Colombia

Mar. 2022 – Sep. 2022

Internal Audit · Medellín, Colombia

- Built **interactive Power BI dashboards** to support audit testing.
- Ran ETL processes and **large-scale data validation**, ensuring data integrity for internal control.
- Detected anomalies and unusual patterns, contributing to operational risk mitigation.

EDUCATION

B.Sc. in Data Science Engineering

2020 – Present (in progress)

Universidad Pontificia Bolivariana — Medellín, Colombia

B.Sc. in Industrial Engineering

2017 – 2023

Universidad Pontificia Bolivariana — Medellín, Colombia

LANGUAGES

Spanish: Native · English: B2 (Advanced)