

David Häggström Pérez-Flecha

Data Engineering & Automation · Python & SQL · Software Developer

Madrid · Open to hybrid / remote roles · davidhaggstromperezflecha@gmail.com

[GitHub](https://github.com/sarfios20) (https://github.com/sarfios20) [LinkedIn](https://www.linkedin.com/in/david-hpf/) (https://www.linkedin.com/in/david-hpf/)

Profile

Data Analyst with hands-on experience in Python, SQL, automation, and ETL pipelines. Built internal tools and data workflows in billing and finance environments, with a background in software development and an increasing focus on Data Engineering, especially reliable pipelines, workflow automation, and data-intensive systems.

Experience

Data Analyst

Avatel Telecom · Full-time

Oct 2025 – Present · Alcobendas, Madrid, Spain

- Designed and maintained Python-based ETL pipelines over Oracle databases, integrating billing, debt, and customer lifecycle data across multiple legacy systems.
- Built automated workflows replacing manual processes, improving reliability, traceability, and reducing processing times.
- Developed a departmental data mart based on a star schema, providing end-to-end invoice lifecycle visibility and enabling KPI tracking and data-driven decision-making.
- Translated business requirements into technical solutions, collaborating closely with operations teams.

Technical Analyst

Avatel Telecom · Internship

Apr 2025 – Sept 2025 · 6 months · Alcobendas, Madrid, Spain

- Built data analysis and visualization solutions for the Billing, Debts, and Collections department.
- Built SQL- and Python-based solutions for operational reporting.
- Created automated reporting tools for billing reconciliation with external partners.

Logistics & Billing Technician

PENTEX SL · Freelance

May 2023 – Apr 2025 · 2 years · Colmenar Viejo, Madrid, Spain

- Built a custom shipping management application to streamline logistics operations.
- Managed invoicing, bank reconciliations, and operational reporting.
- Drove digitalization and process automation initiatives to improve efficiency.

Data Visualization Intern

inBiot Monitoring · Internship

Apr 2022 – Jul 2022 · 4 months · Remote

- Developed Grafana dashboards for visualizing IoT air quality sensor data.
- Integrated data from REST APIs and managed cloud infrastructure on AWS.

Education

Bachelor's Degree in Computer Science

Universidad Europea · 2023

Software development, programming best practices, algorithms and data structures, networking, security, Unix, databases, cloud fundamentals, web and app development, software design, and user experience.

Technical Skills

SQL	AWS	Python	JavaScript
ETL / Data Pipelines	Process Automation	REST APIs	Git
Linux	Docker	React	HTML / CSS

Languages

Spanish – Native	English – Professional	Swedish – Conversational
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