

LUIS COBIELLA

Epidemiologist &
Healthcare Data Scientist

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SUMMARY

Data scientist and epidemiologist with a healthcare background as a registered nurse. Long-term experience with Linux server administration through personal projects. Skilled in Python and R, with a strong foundation in statistical methodology and interactive data visualizations.



Linux · Docker



Python · R



Pandas · Tidyverse · Shiny

IT SKILLS

Pandas Numpy Git Matplotlib Tidyverse
Shiny Linux Wiki Management MongoDB
Scikit-Learn OpenAI API Docker Bash
Telegram API LaTeX

Additional experience with

C / Java / Spark / Keras / HTML5 /
CSS3 / MySQL / Microsoft SQL Server /
Neo4j / Cassandra / Microsoft Visual
Studio / Pentaho Spoon

EXPERIENCE

Data Scientist

European Commission (March 2025 – Ongoing)
Blue Book Traineeship at Eurostat.

- Contribute to the production and validation of [European Statistics on Accidents at Work \(ESAW\)](#), cleaning and harmonizing large administrative datasets using [R](#) and [Python](#).
- Develop [automated scripts](#) to streamline metadata analysis ([SIMS files](#)) and flag inconsistencies, improving data quality and reducing manual review time.
- Prepare analytical [reports and visualizations](#) for dissemination, translating complex indicators into clear insights for diverse stakeholders.
- Collaborate with unit experts in meetings and workshops to refine [methodological guidelines](#) and enhance [user-focused documentation](#).

Data Applications Developer

Personal Projects (Since 2020)

- Architected data workflows for [healthcare analytics](#) using [Python](#) (Pandas, PyMongo), [R Shiny](#), [Bash](#), [Docker](#), and [MongoDB](#).
- Developed interactive [R Shiny](#) dashboards for [COVID-19 trends](#) comparability across regions.
- Built [Python](#) bots for server monitoring and automated data pipelines, enhancing reliability.
- Deployed a [Telegram bot](#) to transcribe and structure health voice notes in [MongoDB](#), providing reminders and basic analytics.

Nurse

Servicio Canario de Salud (Aug 2017 – Feb 2025)

- Performed [patient triage](#) in the emergency room, prioritizing care based on severity and clinical urgency.
- Collaborated closely with a [multidisciplinary healthcare team](#) to ensure coordinated and holistic patient care.
- [Diagnosed and treated](#) chronic wounds using [evidence-based practices](#) and regular follow-up assessments.
- Conducted and documented [structured interviews](#) to obtain [comprehensive patient histories](#) and monitor progress.
- [Trained and supervised caretakers](#) in the management of chronic wounds and long-term patient care.
- [Scheduled and managed appointments](#) to ensure continuity of care and operational efficiency.

EDUCATION

- **Master's Degree in Epidemiology and Public Health**
Universidad Internacional de Valencia (2025)
- **Master's Degree in Data Science**
Universitat Oberta de Catalunya (2021)
- **Nursing Degree**
Universidad de La Laguna (2017)

LANGUAGES

Spanish - native
English - C1