

# 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 Docker Bash 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.

- Identified structural patterns and applied [clustering](#) to support comparative analysis across groups.
- Conducted comprehensive research to select optimal data sources, [merged and integrated data](#) from multiple origins, and utilized [correlation analysis](#) to investigate relationships and dependencies.
- Produced [visualizations](#) and [reports](#) in [R](#) to communicate findings and support data-driven decision-making.

### 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.
- Developed and deployed an [AI 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.
- 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.

## 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