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.

- 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