

Data Analyst Portfolio - One-Pager

Historical 2021 case transformed into a professional deliverable: pipeline, inference, and dashboard.

Sample and context

178 responses · 2021 · COVID-19 pandemic
Small non-probabilistic sample

For general recruiters

Turns noisy raw data into clear conclusions about emotional wellbeing and associated factors.

- Perceived negative impact: 51.98%.
- Core finding: reporting problems is significantly associated with final wellbeing and anxiety.
- Demonstrates structured thinking, communication, and decision orientation.

Impact and risk

67.23% reporting problems
41.01% at-risk final wellbeing

For technical recruiters

Stack: Python, pandas, scipy, scikit-learn, Jupyter, Streamlit.

- Reproducible pipeline: raw -> interim -> processed.
- Significant Chi-square tests: q4_problems vs q15 ($p=0.000033$), q4_problems vs anxiety_high ($p=0.034516$).
- Exploratory logistic model: accuracy 0.733.

Ready deliverables

notebooks/00_resumen_ejecutivo.executed.ipynb
reports/findings.md · app/streamlit_app.py
PORTAFOLIO_LANDING.md / PORTAFOLIO_LANDING.pdf

Disclaimer: this case uses a historical (2021), non-probabilistic dataset. It should be interpreted as associative evidence and a demonstration of professional methodology.