

COVIDPERU

This project is trying of improving quality and order of COVID-19 of Peru. First, I managed to order and clean conflict and bug due to fail type and others issues.

To clean and sort

This part, I show that how to do in R script. my assumption is beginning date is 4th March, 2020 and last update is 3rd April, 2023, [click here](#).

Multivariate analyze

Here, I merged four groups of variables, namely COVID-19 infected people, COVID-19 deaths, available beds of intensive care unit (ICU), and COVID-19 vaccinated people. This data was used as input for Factorial multivariate analysis, which is a special kind of multivariate analysis, [click here](#).

GAM model

Generalized additive model(GAM) is one best way to discover non-linear relationship between many variables. So that, I relate Covid mortality normalized how dependence variable and Time(days),COVID-19 positivty(%), available beds of ICU(%), COVID-19 vaccinated people(%) how independence variables, [click here](#).

Source

- OPENCOVID-PERÚ
- Covid vaccination
- Covid positivty
- Covid mortality
- Covid Molecular test
- Covid intensive care unit
- Total mortality
- Available bed in ICU