The LATAM COVID data is made up of 5 different datasets:

* **covid\_latam(raw).csv**: Contains COVID data for 32 LATAM countries. The dataset contains the columns:
  + 'iso\_code': ISO country code in 3 characters.
  + 'continent': Continent where the data comes from.
  + 'location': Country where the data comes from.
  + 'date': Date on which the data was recorded.
  + 'total\_cases': Total covid cases (cumulative) or probable cases.
  + 'new\_cases': New covid cases presented in the country and established date.
  + 'New\_cases\_smoothed': New confirmed cases approximating the current week.
  + 'Total\_deaths': Total deaths attributed to covid-19.
  + 'New\_deaths': new deaths attributed to covid-19
  + 'New\_deaths\_smoothed': new covid-19 deaths approximating the current week.
  + 'Total\_cases\_per\_million': Total confirmed cases of COVID-19 per 1,000,000 people.
  + 'New\_cases\_per\_million': New confirmed cases of COVID-19 per 1,000,000 people.
  + 'New\_cases\_smoothed\_per\_million': New confirmed cases of COVID-19 per 1,000,000 people approximating the current week.
  + 'Total\_deaths\_per\_million': Total deaths attributed to COVID-19 per 1,000,000 people
  + 'New\_deaths\_per\_million': New deaths attributed to COVID-19 per 1,000,000 people.
  + 'New\_deaths\_smoothed\_per\_million': New deaths attributed to COVID-19 approximating the current week per 1,000,000 people.
  + 'Reproduction\_rate': Real-time estimate of the effective reproduction rate (R) of COVID-19, that is, this measure is how fast the virus is spreading in a population at a given time.
  + 'Icu\_patients': Number of patients with COVID-19 in intensive care units (ICU) on a given day.
  + 'Icu\_patients\_per\_million': Number of COVID-19 patients in intensive care units (ICU) on a given day per 1,000,000 people
  + 'Hosp\_patients': Number of COVID-19 patients in the hospital on a given day.
  + 'hosp\_patients\_per\_million': Number of COVID-19 patients in the hospital on a given day per 1,000,000 people.
  + 'Weekly\_icu\_admissions': Number of COVID-19 patients recently admitted to intensive care units (ICUs) in a given week.
  + 'Weekly\_icu\_admissions\_per\_million': Number of COVID-19 patients recently admitted to intensive care units (ICUs) in a given week per 1,000,000 people.
  + 'Weekly\_hosp\_admissions': Number of newly admitted COVID-19 patients in hospitals in a given week.
  + 'weekly\_hosp\_admissions\_per\_million': Number of newly admitted COVID-19 patients in hospitals in a given week per 1,000,000 people
  + 'total\_tests': Total tests for COVID-19
  + 'New\_tests': New tests for COVID-19 (only calculated for consecutive days).
  + 'Total\_tests\_per\_thousand': Total tests for COVID-19 per 1,000 people.
  + 'New\_tests\_per\_thousand': New tests for COVID-19 per 1,000 people.
  + 'new\_tests\_smoothed': New tests for COVID-19 approximating the current week. For countries that do not report testing data on a daily basis, we assume that testing changed equally on a daily basis and are averaged over a 7-day rolling window.
  + 'New\_tests\_smoothed\_per\_thousand': New tests for COVID-19 approximating the current week per 1,000 people
  + 'positive\_rate': The proportion of COVID-19 tests that are positive, given as a 7-day moving average (this is the inverse of tests\_per\_case).
  + 'tests\_per\_case': Tests performed per new confirmed case of COVID-19, given as a 7-day rolling average (this is the inverse positive\_rate)
  + 'tests\_units': Units used by the location to report its test data.
  + 'Total\_vaccinations': Total number of COVID-19 vaccination doses administered.
  + 'people\_vaccinated': Total number of people who received at least one dose of vaccine.
  + 'People\_fully\_vaccinated': Total number of people who received all the doses prescribed by the initial vaccination protocol.
  + 'Total\_boosters': Total number of COVID-19 vaccination booster doses administered.
  + 'new\_vaccinations': New COVID-19 vaccination doses administered (only calculated for consecutive days).
  + 'New\_vaccinations\_smoothed': New COVID-19 vaccination doses administered, given as a 7-day rolling average.
  + 'total\_vaccinations\_per\_hundred': Total number of COVID-19 vaccination doses administered per 100 people in the total population.
  + 'People\_vaccinated\_per\_hundred': Total number of people who received at least one dose of vaccine per 100 people in the total population.
  + 'people\_fully\_vaccinated\_per\_hundred': Total number of people who received all the doses prescribed by the initial vaccination protocol per 100 people in the total population.
  + 'Total\_boosters\_per\_hundred': Total number of booster doses of vaccination against COVID-19 administered per 100 people in the total population.
  + 'New\_vaccinations\_smoothed\_per\_million': New doses of COVID-19 vaccination administered (7 days smoothed) per 1,000,000 people in the total population.
  + 'New\_people\_vaccinated\_smoothed': Daily number of people receiving their first dose of vaccine (7 days smoothed).
  + 'new\_people\_vaccinated\_smoothed\_per\_hundred': Daily number of people receiving their first dose of vaccine (smoothed 7 days) per 100 people in the total population.
  + 'Stringency\_index': Government Response Stringency Index: Composite measure based on 9 response indicators including school closures, workplace closures and travel bans, rescaled to a value from 0 to 100 (100 = response plus strict)
  + 'Population': Population (last available values).
  + 'population\_density': Number of people divided by land area, measured in square kilometers, most recent year available
  + 'median\_age': Median age of the population, UN projection for 2020
  + 'Aged\_65\_older': Proportion of the population aged 65 or older, most recent year available
  + 'aged\_70\_older': Percentage of the population aged 70 or older in 2015
  + 'gdp\_per\_capita': Gross domestic product at purchasing power parity (constant 2011 international dollars), most recent year available.
  + 'Extreme\_poverty': Proportion of the population living in extreme poverty, most recent year available since 2010.
  + 'cardiovasc\_death\_rate': Mortality rate due to cardiovascular disease in 2017 (annual number of deaths per 100,000 people).
  + 'diabetes\_prevalence': Prevalence of diabetes (% of the population aged 20 to 79 years) in 2017.
  + 'Female\_smokers': Proportion of women who smoke, most recent year available.
  + 'male\_smokers': Percentage of men who smoke, most recent year available.
  + 'Handwashing\_facilities': Proportion of population with basic handwashing facilities in facilities, most recent year available.
  + 'Hospital\_beds\_per\_thousand': Hospital beds per 1,000 people, most recent year available since 2010.
  + 'Life\_expectancy': Life expectancy at birth in 2019.
  + 'Human\_development\_index': A composite index that measures average achievement in three basic dimensions of human development: a long and healthy life, knowledge, and a decent standard of living.
  + 'excess\_mortality\_cumulative\_absolute': Cumulative difference between the reported number of deaths since January 1, 2020, and the projected number of deaths for the same period based on previous years.
  + 'Excess\_mortality\_cumulative': Percentage difference between the cumulative number of deaths since January 1, 2020 and the projected cumulative deaths for the same period based on previous years.
  + 'excess\_mortality': Percentage difference between the reported number of weekly or monthly deaths in 2020-2021 and the projected number of deaths for the same period based on previous years.
  + 'Excess\_mortality\_cumulative\_per\_million': Cumulative difference between the reported number of deaths since January 1, 2020, and the projected number of deaths for the same period, based on previous years, per million people.
* **Daily\_covid\_cases\_latam.csv**: Daily COVID cases per million inhabitants for 32 LATAM countries.
  + The first 'location' column contains the name of the country where the cases were filed.
  + The following columns contain the number of cases per million inhabitants presented on that day in that country.
* **daily\_covid\_deaths\_latam.csv**: Daily confirmed COVID deaths per million inhabitants for 32 LATAM countries.
  + The first column 'location' contains the name of the country where the deaths occurred.
  + The following columns contain the number of confirmed deaths per million inhabitants presented on that day in that country.
* **Weekly\_covid\_cases\_latam.csv**: Weekly COVID cases using the epidemiological week per million inhabitants for 32 LATAM countries.
  + The first 'location' column contains the name of the country where the cases were filed.
  + The following columns contain the sum of cases per million inhabitants presented in that country during that epidemiological week. The format of the epidemiological week is:
    - First 4 digits corresponding to the year, followed by 2 digits corresponding to the epidemiological week.
* **Weekly\_covid\_deaths\_latam.csv**: Weekly confirmed COVID deaths using the epidemiological week per million inhabitants for 32 LATAM countries.
  + The first column 'location' contains the name of the country where the deaths occurred.
  + The following columns contain the sum of the deaths per million inhabitants presented in that country during that epidemiological week. The format of the epidemiological week is:
    - First 4 digits corresponding to the year, followed by 2 digits corresponding to the epidemiological week.