

Group Project Part 3 - ElasticSearch  
of Systems and Methods for Big and Unstructured Data Course  
(SMBUD)

held by  
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**POLITECNICO**  
MILANO 1863

## 1 administration-vaccines-latest.csv

Field Name	Data Type	Description
area	String	Acronyms of the region of delivery
fornitore	String	Complete name of the supplier of the vaccine
data_somministrazione	Datetime	Administration date of the vaccines
fascia_anagrafica	String	Age group of the people administered with the vaccines
Sesso_maschile	Long	Number of vaccinations administered to males
Sesso_femminile	Long	Number of vaccinations administered to females
prima_dose	Long	Number of people administered with the first dose
seconda_dose	Long	Number of people administered with the second dose
pregressa_infezione	Long	Number of people administered with a dose after they have been infected
dose_addizionale_booster	String	Number of people administered with an additional dose/recall
codice_NUTS1	String	Nomenclature of Territorial Units for Statistics code (Groups of regions)
codice_NUTS2	String	Nomenclature of Territorial Units for Statistics code (Regions)
codice_regione_ISTAT	Long	ISTAT code of a region
nome_area	String	Name of the region

## 2 dpc-covid19-ita-regions.csv

Field Name	Data Type	Description
casi_da_screening	String	Positive cases emerging from surveys and tests, planned at national or regional level
casi_da_sospetto_diagnostico	String	Positive cases emerged from clinical activity
casi_testati	String	Total number of people tested
codice_nuts_1	String	Nomenclature of Territorial Units for Statistics code (Groups of regions)
codice_nuts_2	String	Nomenclature of Territorial Units for Statistics code (Regions)
codice_regione	String	Code of the Region (ISTAT 2019)
deceduti	Long	Death
denominazione_regione	String	Name of the Region
dimessi_guariti	Long	Recovered
ingressi_terapia_intensiva	String	Daily admissions to intensive care
isolamento_domiciliare	Long	Home confinement
lat	Double	Latitude
location	GeoPoint	Geographic Location
long	Double	Longitude
note	String	Notes
note_casi	String	Notes on the cases tested
note_test	String	Notes on the tests carried out
nuovi_positivi	Long	News amount of current positive cases
ricoverati_con_sintomi	Long	Hospitalised patients with symptoms
stato	String	Country of reference
tamponi	Long	Total amount of tests performed
tamponi_test_antigenico_rapido	String	Antigenic swab tests performed
tamponi_test_molecolare	String	Molecular swab tests performed
terapia_intensiva	Long	Intensive Care
totale_casi	Long	Total amount of positive cases
totale_ospedalizzati	Long	Total hospitalised patients

totale_positivi	Long	Total amount of current positive cases
totale_positivi _test_antigenico_rapido	String	Current positive cases with an antigenic swab test
totale_positivi _test_molecolare	String	Current positive cases with a molecular swab test
variazione_totale_positivi	Long	News amount of current positive cases

### 3 SARS-CoV-2-variants-data-in-EU-EEA.csv

Field Name	Data Type	Description
country_code	String	2-letter ISO country code
new_cases	Long	Weekly number of new confirmed cases
number_detections_variant	Long	Number of detections reported of the variant
number_sequenced	Long	Weekly number of sequences carried out
number_sequenced_known_variant	Long	Weekly number of known variant sequences carried out
percent_cases_sequenced	Double	100 x new_cases/number_sequenced
percent_variant	Double	100 x number_detections_variant / number_sequenced. No value given if valid_denominator == FALSE
source	String	Data source, either GISAID EpiCoV database or TESSy
valid_denominator	String	LOREMIPSUM
variant	String	Each VOC, Other or UNK
year_week	String	Year and week of reference

## 4 owid-covid-data.csv

Field Name	Data Type	Description
LOREMIPSUM	LOREMIPSUM	LOREMIPSUM
LOREMIPSUM	LOREMIPSUM	LOREMIPSUM