**Context**

Data sets from the Portal Open Data BCN, the Ajuntament de Barcelona's open data service.

Open Data BCN, a project that was born in 2010, implementing the portal in 2011, has evolved and is now part of the Barcelona Ciutat Digital strategy, fostering a pluralistic digital economy and developing a new model of urban innovation based on the transformation and digital innovation of the public sector and the implication among companies, administrations, the academic world, organizations, communities and people, with a clear public and citizen leadership.

Content

Demography

* births.csv. Births by nationalities and by neighbourhoods of the city of Barcelona (2013-2017).
* deaths.csv. Deaths by quinquennial ages and by neighbourhoods of the city of Barcelona (2015-2017).
* population.csv. Population by neighbourhood, by quinquennial ages and by genre of the city of Barcelona (2013-2017). Reading registers of inhabitants.
* unemployment.csv. Registered unemployement by neighbourhood and genre in the city of Barcelona (2013-2017).
* immigrants\_by\_nationality.csv. Immigrants by nationality and by neighbourhoods of the city of Barcelona (2015-2017).
* immigrants\_emigrants\_by\_age.csv. Immigrants and emigrants by quinquennial ages and by neighbourhood of the city of Barcelona (2015-2017).
* immigrants\_emigrants\_by\_destination.csv. Immigrants and emigrants by place of origin and destination, respectively (2017).
* immigrants\_emigrants\_by\_destination2.csv. Immigrants and emigrants by place of origin and destination, respectively, and by neighbourhoods of the city of Barcelona (2017).
* immigrants\_emigrants\_by\_sex.csv. Immigrants and emigrants by sex by neighbourhoods of the city of Barcelona (2013-2017).
* most\_frequent\_baby\_names.csv. 25 Most common baby names in Barcelona, disaggregated by sex. Years 1996-2016.
* most\_frequent\_names.csv. 50 Most common names of the inhabitants of Barcelona, disaggregated by decade of birth and sex.

Accidents

* accidents\_2017.csv. List of accidents handled by the local police in the city of Barcelona. Incorporates the number of injuries by severity, the number of vehicles and the point of impact.

Environment

* air\_quality\_Nov2017.csv. Air quality information of the city of Barcelona. Mesure data are showed of O3 (tropospheric Ozone), NO2 (Nitrogen dioxide), PM10 (Suspended particles).
* air\_stations\_Nov2017.csv. Air quality measure stations of the city of Barcelona. Main characteristics of each one are detailed.

Transport

* bus\_stops.csv. Bus stops, day bus stops, night bus stops, airport bus stops of the city of Barcelona.
* transports.csv. Public transports (underground, Renfe, FGC, funicular, cable car, tramcar, etc) of the city of Barcelona.

Acknowledgements

Open Data BCN

Barcelona City Council

Barcelona Digital City

Tasks you can do

* Step by step Exploratory data analysis/regression analysis
* Please feel free to include any other statical/findings you may want to contribute to.