





DESCRIPTION



OBJECTIVE

The purpose of this project is to collect, develop and analyze statistical data, and construct several suitable representations about this data, explaining a history, what is happened. We want to explain a little part of the business world in Spain along the crisis.

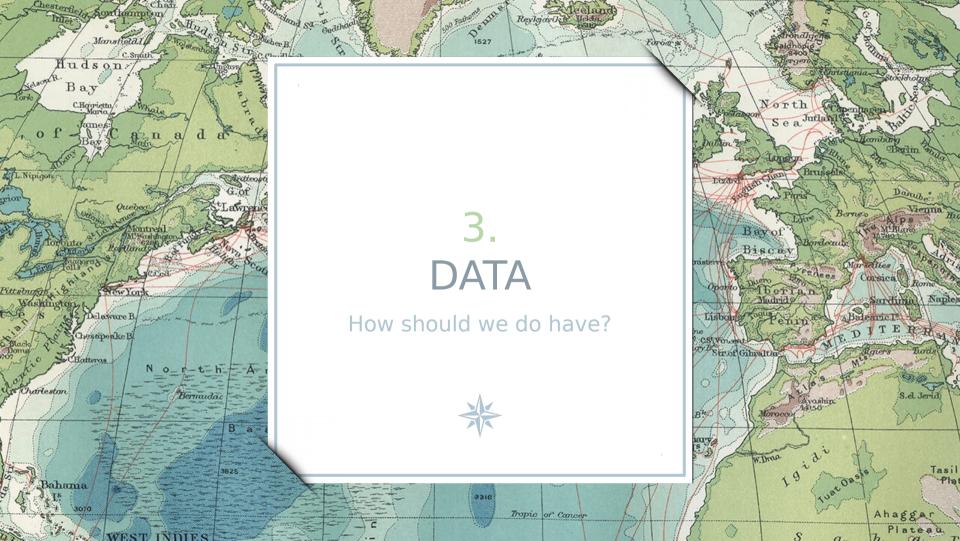
PROBLEMATIC SUCCESS

Spanish financial crisis (2008 - 2014)



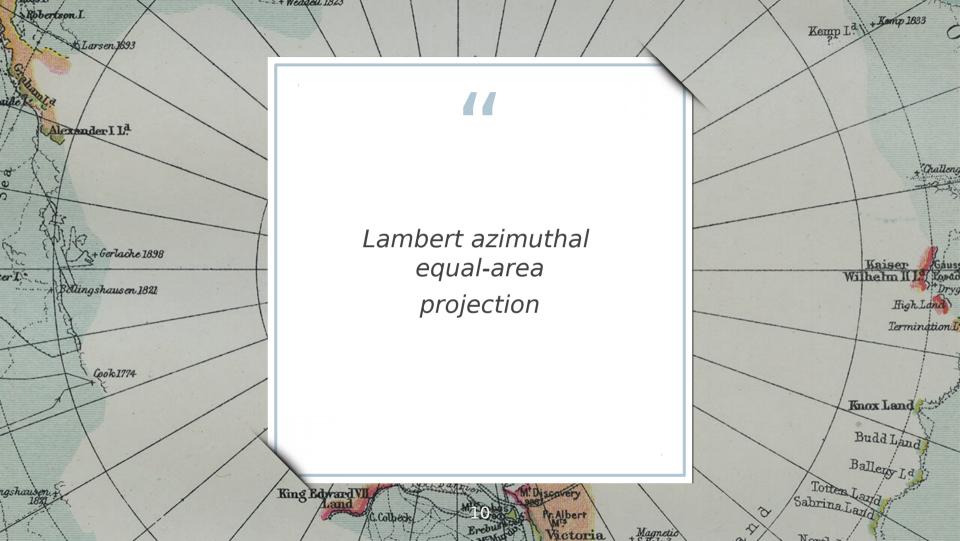
Steps for communicating map information

- Consider what the real-world distribution of the phenomenon might look like
- Determine the purpose of the map and its intended audience
- Collect data appropriate for the map's purpose
- Design and construct the map
- Determine whether users find the map useful and informative.









Darnley B. Franklin B. Bulan . Bernetti. C. Wellett **PROJECTION** Preserves the area of individual polygons while simultaneously maintaining a true sense of direction from the Lambert center. azimuthal The general pattern of distortion is radial equal-area shape is minimally distorted, less than 2 per cent, angular Distortion is more significant projection Tur Small shapes are compressed radially from the center and elongated perpendicularly Nikitinsk Lamberts L.

DATASETS



Companies by Region and main activity

- 1) Extractive industries
- 2) Building
- 3) Trade, transport and catering
- 4) Information and communication
- 5) Financial and insurance activities
- 6) Professional and administrative activities
- 7) House selling activities
- 8) Public administration and defense
- 9) Artistic activities

Gross Domestic Product per capita

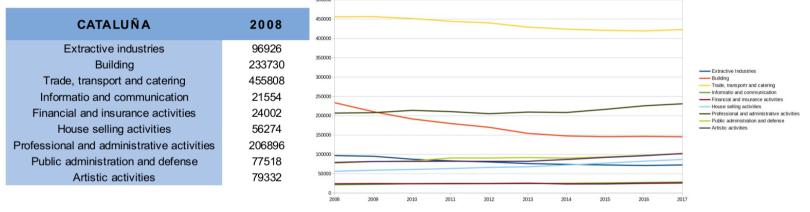
It is a measure of a country's economic output that accounts for its number of people. It divides the country's gross domestic product by its total population.

That makes it the best measurement of a country's standard of living. It tells you how prosperous a country feels to each of its citizens.

Data source: Spanish Statistical Office



We can group them



ad

nawa Ilands Pk

L.Rudolf

Maldives 14

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alay Pen. 13700

Celebes



REPRESENTATION METHODS



FOR STATIC MAP

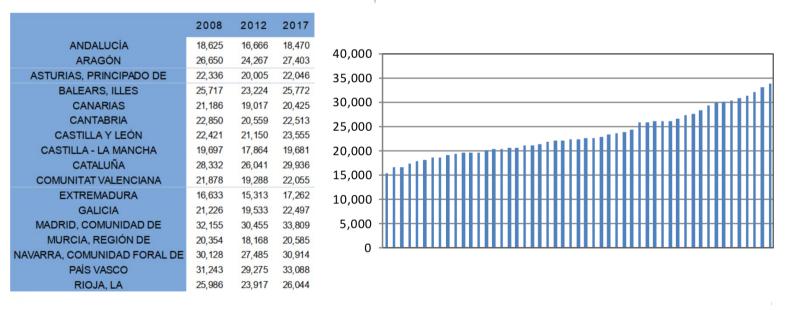
Star or spider graph. The multivariate ray-glyph or star is constructed by extending rays from an interior circle, with the lengths of the rays made proportional to values associated to each variable.

FOR DYNAMIC MAP

Pie chart. These variables can be depicted using the pie chart, as a circle divided into sectors representing the proportion of each variable.



We can classify them



Pk. Wel

ad

Rudolf

Maldiv 18

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n. 13700

Borneo 120

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VALUE	DIFFERENCE	VALUE	DIFFERENCE
15313		22497	76
16633	1320	22513	16
16666	33	22850	337
17262	596	23224	374
17864	602	23555	331
18168	304	23917	362
18470	302	24267	350
18625	155	25717	1450
19017	392	25772	55
19288	271	25986	214
19533	245	26041	55
19681	148	26044	3
19697	16	26650	606
20005	308	27403	753
20354	349	27485	82
20425	71	28332	847
20559	134	29275	943
20585	26	29936	661
21150	565	30128	192
21186	36	30455	327
21226	40	30914	459
21878	652	31243	329
22046	168	32155	912
22055	9	33088	933
22336	281	33809	721
22421	85		

We can classify them



- Minimum to 17000
- 17000 to 22000
- 22000 to 25000
- 25000 to 28000
- 28000 to maximum

Maldives

Celebes Borneo 120

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13700/

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FOR STATIC MAP

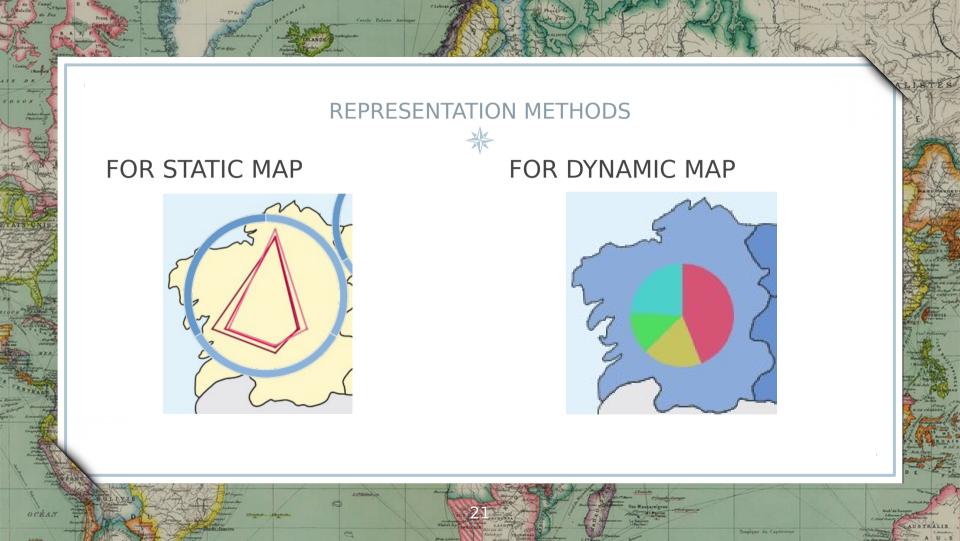
Doughnut graph

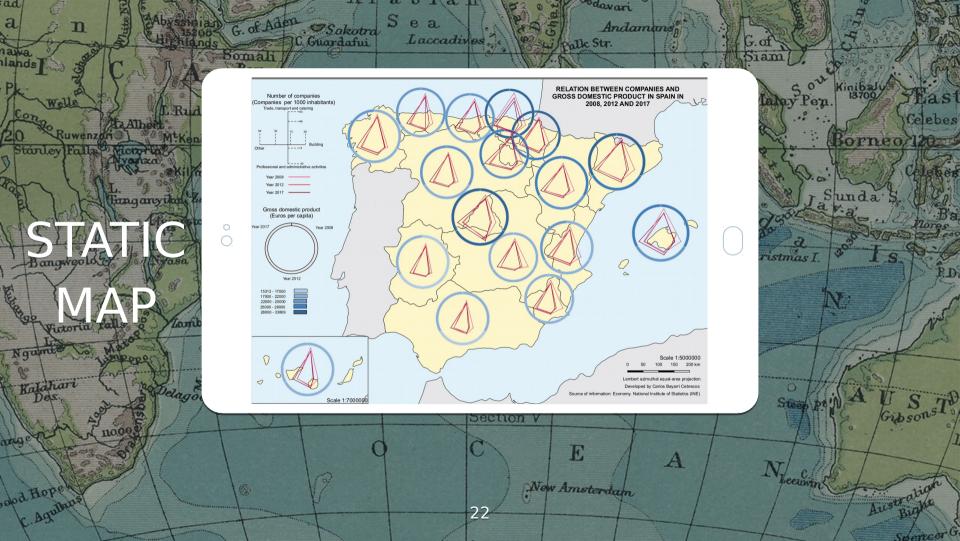
(Pie graph with an area of the center cut out)
In this symbol we do not use proportional values.

FOR DYNAMIC MAP

Choropleth map.

Areas are shaded or patterned in proportion to the measurement of the statistical variable being displayed on the map.







Darnley B. Franklin B. Bulan Bernettl. & Kellett THANKS! Nikitinsk Any questions? You can find me at https://github.com/CarlosBayarri & bayarricebrecos@hotmail.com Lamberts L.