

Source: https://www.visualcapitalist.com/a-world-of-languages/

This is a data visualization diagram of world languages. Since there are many countries with many different languages, it is difficult to map all the languages(even within a country, there are many people who speak different languages). Thus, the author chooses the "pie chart" to show the languages of the world and the regions where those languages are used. And there are several benefits of this way of doing data visualization.

- 1. By using a pie chart, people can intuitively understand the number of people who speak the language, and if a language is used in many countries, a sub-pie chart can be used to show the proportion of the language in the region.
- 2. In order to better show the relationship between languages and regions, the author uses colors on the pie chart to divide the regions (as shown on the right corner of the image). For example, North America is represented by yellow and South America is represented by blue. This way, based on the chart, we can easily identify that a large portion of people who speak Portuguese are from South America. And most people from South America speak Spanish or English.