

TOP 5 FREE TOOLS FOR MAP VISUALIZATION

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This article explains about
the top 5 free tools for
map visualization

Data visualization has been a great boon for the businesses worldwide as it is helping companies to identify patterns, improve business returns and predict outcomes. In fact, visualization is a vital part of data analysis. Images have the power to attract the attention of the viewers quickly and convey the message more clearly.

Among all the types of data visualization, map visualization is what people like the most. As it can convert the complex raw data into digestible and easily convertible visual story which normally people don't put their time and energy to comprehend, they can now do it easily through map visualization. Data visualization via maps can make better the process of decision making and improvements.

Using the right tools for data visualization through maps, you can create a convincing visual output for the raw data you have. Let's check some free tools for map visualization:

- **Mapsdata**

Mapsdata is a free map visualization tool that can interpret geodata more effectively than spreadsheets. Be it economic data, ZIP code, environmental data, or data on latitude and longitude etc., you can visualize your data easily and share it quickly. You have to just load your spreadsheet that has structured data onto the online tool of Mapsdata. Mapsdata provides four types of visualizations which you can customize to create the perfect map visualization.

- **CartoDB**

CartoDB is one of the easiest ways to map and analyze your location data. Using this tool, you can create dynamic maps within seconds. The best thing about using this tool is that it doesn't require the user to be an expert in this field. From design to analysis of the data, the user can do everything using the point and click interfaces. The user can adjust the style of the map, annotate and even animate the maps so that only the right message reaches the audience. The dynamic filters available in this tool allow the users to do visual queries using the intuitive interface. The user can not only explore but analyze loads of geospatial data.

- **Viz.SocialCops**

Telling your story through beautiful maps is all possible with Viz.SocialCops. It has tools that allow the users to collect raw data sets with the help of mobile-based surveying apps and do the map visualization using their software. This free-to-use tool lets the users create beautiful maps of cities, districts, countries and continents, as well.

- **BatchGeo**

To use BatchGeo, it's not essential for the users to have knowledge of programming. Only the users have to copy and paste the data with the location. The location can be mixed with any other data such as the volume of annual passenger or any other categorization to create maps that let the users explore the data.

- **AM Charts**

AM Charts is one of the best tools for downloading high-quality vector maps of more than two hundred countries. The AM Charts have another good tool to create pixel maps of the world or any country. The user has total control over the size and shape of the pixels, colour and the entire look of the map.



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