10 Best Data Visualization Tools in 2020

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In this era of data, it is very important to understand the data to obtain some actionable insights. And **data visualization** is a very important part of understanding the hidden patterns and layers in the data! What sounds more interesting to you? A beautiful and descriptive bar chart or a boring spreadsheet telling the same information?

It's the bar chart as humans are visual creatures and data visualization charts like bar charts, scatterplots, line charts, geographical maps, etc. are extremely important. They tell you information just by looking at them whereas normally you would have to read spreadsheets or text reports to understand the data. Data Visualization tools are so popular as they allow analysts and statisticians to create visual data models easily according to their specifications by conveniently providing an interface, database connections, and Machine Learning tools all in one place! This article demonstrates the **10 most popular Data Visualization tools** that are commonly used these days. So let's check them out!

1. Tableau

Tableau is a data visualization tool that can be used by data analysts, scientists, statisticians, etc. to visualize the data and get a clear opinion based on the data analysis. Tableau is very famous as it can take in data and produce the required data visualization output in a very short time. And it can do this while providing the highest level of security with a guarantee to handle security issues as soon as they arise or are found by users.

Tableau also allows its users to prepare, clean and format their data and then create data visualizations to obtain actionable insights that can be shared with other users. Tableau is available for the individual data analyst or at scale for business teams and organizations. It provides a **14-day free trial** followed by the paid version.

2. Looker

Looker is a Looker data visualization tool that can go in-depth in the data and analyze it to obtain useful insights. It provides real-time dashboards of the data for more in-depth analysis so that businesses can make instant decisions based on the data visualizations obtained. Looker also provides connections with Redshift, Snowflake, BigQuery, as well as more than 50 SQL supported dialects so you can connect to multiple databases without any issues.

Looker data visualizations can be shared with anyone using any particular tool. Also, you can export these files in any format immediately. It also provides customer support wherein you can ask any question and it shall be answered. A price quote can be

obtained by submitting a form.

3. Zoho Analytics

Zoho Analytics is a Business Intelligence and Data Analytics software that can help you create wonderful looking data visualizations based on your data in a few minutes. You can obtain data from multiple sources and mesh it together to create multidimensional data visualizations that allow you to view your business data across departments. In case you have any questions, you can use Zia which is a smart assistant created using artificial intelligence, machine learning, and natural language processing.

Zoho Analytics allows you to share or publish your reports with your colleagues and add comments or engage in conversations as required. You can export Zoho Analytics files in any format such as Spreadsheet, MS Word, Excel, PPT, PDF, etc. The pricing options available for this software include a basic plan with **A$34.1/month** billed yearly.

4. Sisense

Sisense is a business intelligence-based data visualization system and it provides various tools that allow data analysts to simplify complex data and obtain insights for their organization and outsiders. Sisense believes that eventually, every company will be a data-driven company and every product will be related to data in some way. Therefore it tries its best to provide various data analytics tools to business teams and data analytics so that they can help make their companies the data-driven companies of the future.

It is very easy to set up and learn Sisense. It can be easily installed within a minute and data analysts can get their work done and obtain results instantly. Sisense also allows its users to export their files in multiple formats such as PPT, Excel, MS Word, PDF, etc. Sisense also provides full-time customer support services whenever users face any issues. A price quote can be obtained by submitting a form.

5. IBM Cognos Analytics

IBM Cognos Analytics is an Artificial Intelligence-based business intelligence platform that supports data analytics among other things. You can visualize as well as analyze your data and share actionable insights with anyone in your organization. Even if you have limited or no knowledge about data analytics, you can use IBM Cognos Analytics easily as it interprets the data for you and presents you with actionable insights in plain language.

You can also share your data with multiple users if you want on the cloud and share visuals over email or Slack. You can also import data from various sources like spreadsheets, cloud, CSV files, or on-premises databases and combine related data sources into a single data module. IBM Cognos Analytics provides a free trial for 30 days followed by a plan Starting at **A$20.87 per month.**

6. Qlik Sense

Qlik Sense is a data visualization platform that helps companies to become data-driven enterprises by providing an associative data analytics engine, sophisticated Artificial Intelligence system, and scalable multi-cloud architecture that allows you to deploy any combination of SaaS, on-premises or a private cloud.

You can easily combine, load, visualize, and explore your data on Qlik Sense, no matter its size. All the data charts, tables, and other visualizations are interactive and instantly update themselves according to the current data context. The Qlik Sense AI can even provide you with data insights and help you create analytics using just drag and drop. You can try Qlik Sense Business for free for 30 days and then move on to a paid version.

7. Domo

Domo is a business intelligence model that contains multiple data visualization tools that provide a consolidated platform where you can perform data analysis and then create interactive data visualizations that allow other people to easily understand your data conclusions. You can combine cards, text, and images in the Domo dashboard so that you can guide other people through the data while telling a data story as they go.

In case of any doubts, you can use their pre-built dashboards to obtain quick insights from the data. Domo has a free trial option so you can use it to get a sense of this platform before committing to it fully. In case of any customer service inquiries, Domo is always available from 7 AM to 6 PM from Monday to Friday and you can try it for free followed by the paid version.

8. Microsoft Power BI

Microsoft Power BI is a Data Visualization platform focused on creating a data-driven business intelligence culture in all companies today. To fulfill this, it offers self-service analytics tools that can be used to analyze, aggregate, and share the data in a meaningful fashion.

Microsoft Power BI offers hundreds of data visualizations to its customers along with built-in Artificial Intelligence capabilities and Excel integration facilities. And all this is very pocket friendly at **$9.99 monthly price per user** for the Microsoft Power BI Pro. It also provides you with multiple support systems such as FAQs, forums and also live chat support with the staff.

9. Klipfolio

Klipfolio is a Canadian business intelligence company that provides one of the best data visualization tools. You can access your data from hundreds of different data sources like spreadsheets, databases, files, and web services applications by using connectors. Klipfolio also allows you to create custom drag-and-drop data visualizations wherein you can choose from different options like charts, graphs, scatter plots, etc.

Klipfolio also has tools you can use to execute complex formulas that can solve challenging data problems. You can obtain a free trial of 14 days followed by **$49 per month** for the basic business plan. In the case of customer inquiries, you can get help from the community forum or the knowledge forum.

10. SAP Analytics Cloud

SAP Analytics Cloud uses business intelligence and data analytics capabilities to help you evaluate your data and create visualizations in order to predict business outcomes. It also provides you with the latest modeling tools that help you by alerting you of possible errors in the data and categorizing different data measures and dimensions. SAP Analytics Cloud also suggests Smart Transformations to the data that lead to enhanced visualizations.

In case you have any doubts or business questions related to data visualization, SAP Analytics Cloud provides you with complete customer satisfaction by handling your queries using conversational artificial intelligence and natural language technology. You can try this platform for free for 30 days and after that pay **$22 per month** for the Business Intelligence package.