



**Connect to multiple data sources**, allowing businesses to centralize their data in one location eliminating the need to switch between various applications or platforms to view information.

**Businesses can build powerful grid views** with conditional formatting, enabling users to quickly identify patterns, outliers, and trends within their data. This enhances data analysis, making it easier to make informed decisions and take timely actions.

**The Data Viewer offers a variety of chart types**, including Pie, Bar, Column, TreeMaps, Geo, and Maps. These interactive charts help organizations visualize data in meaningful ways, making complex information more accessible. Whether it's sales data, geographic distribution, these charts facilitate data-driven insights.

**Data Viewer as a web part for Teams and SharePoint** ensures that businesses can easily incorporate this tool into their existing collaboration and data management ecosystems. This integration promotes user adoption and minimizes the learning curve, as users can access and work with the data viewer within familiar environments.

## Data Viewer – Data Visualization



The Data Viewer by Lightning Tools offers a range of significant benefits to businesses. Firstly, it enables data centralization and integration by connecting to multiple data sources. This functionality allows organizations to consolidate data from various systems into a single, accessible location, eliminating the need to navigate between different applications.

The Data Viewer empowers businesses to build powerful grid views with conditional formatting, enhancing data analysis and simplifying the identification of trends and patterns within the information. Additionally, the tool provides interactive charts, including Pie, Bar, Column, TreeMaps, Geo, and Maps, which enable users to visualize complex data sets and gain valuable insights.

Its seamless integration as a web part for Teams and SharePoint ensures easy adoption and a minimal learning curve for users, as they can work with the data viewer within their familiar collaboration and data management environments. As a result, businesses can make more informed decisions, boost productivity, and gain a competitive edge in today's data-driven business landscape.

- **Sales Data:** Businesses can use The Data Viewer to consolidate sales data from various sources, such as CRM systems and spreadsheets, into a centralized view. They can then create interactive charts and grid views to track sales performance over time, visualize regional sales trends using geographic maps, and identify top-performing products or salespeople. This enables sales teams and managers to make data-driven decisions, allocate resources effectively, and set strategic sales targets.
- **Project Reporting:** Organizations managing multiple projects can leverage The Data Viewer to integrate project data from diverse project management tools and databases. They can create grid views to display project status, deadlines, and resource allocation, along with interactive charts to visualize project dependencies and resource utilization. This helps project managers gain insights into project health, optimize resource allocation, and make informed decisions regarding project prioritization and timelines.  
Customer Support and Feedback Analysis:
- **Customer support:** teams can benefit from The Data Viewer by consolidating customer feedback and support ticket data from various channels, such as email, chat, and surveys. Using interactive charts, they can visualize customer satisfaction trends, identify common issues, and track response times. The grid views can display ticket statuses and support agent performance. This analysis allows organizations to enhance customer support processes, address recurring issues promptly, and improve overall customer satisfaction.



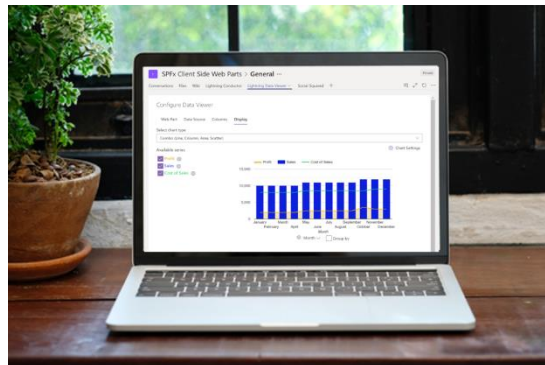
## Product Features and Benefits

### About Lightning Tools:

Lightning Tools, founded in 2007 by Microsoft 365 Apps and Services MVP Brett Lonsdale, is a reputable Microsoft Partner known for its expertise in SharePoint and related technologies. With ISO 27001 and ISO 9001 certifications, Lightning Tools is committed to maintaining high standards of security and quality in its products and services, making it a trusted choice for organizations seeking effective solutions in the Microsoft ecosystem.

### Customer Success:

Lightning Tools is dedicated to its customers' success by offering comprehensive support, regular product updates, and a commitment to understanding and addressing the unique needs of each client. They prioritize customer feedback, ensuring their solutions evolve to meet evolving challenges in the SharePoint and Microsoft 365 ecosystem, ultimately helping organizations maximize the value of their investments and achieve their business goals.



The Data Viewer, implemented as a SharePoint Framework Client Side Web Part, seamlessly operates within SharePoint Online, SharePoint On-Premises, and Microsoft Teams. It offers administrators the convenience of easy deployment to the App Catalog, making it readily accessible for users to add to their SharePoint sites or Teams channels. Users can configure the Data Viewer Web Part to harness its robust data integration capabilities, connecting it to data sources, including Excel, SQL databases, SharePoint Lists, and more.

## Data Viewer Features

The Data Viewer by Lightning Tools offers a comprehensive set of features that make it a versatile tool for data integration, visualization, and analysis. It provides robust connectivity options, allowing users to connect to various data sources, including Excel spreadsheets, SQL databases, external connectors for diverse data sources, OData feeds, SharePoint Lists, and SharePoint Business Connectivity Services (BCS).

The Data Viewer empowers users to build customizable grid views that display data in a structured manner. It offers advanced functionality like conditional formatting, enabling users to highlight specific data points or conditions for easy identification. Additionally, the tool enables the creation of calculated columns, facilitating on-the-fly data transformations and calculations.

Furthermore, The Data Viewer supports seamless integration and interactions between multiple web parts, allowing users to reflect One-Many Joins and link data from different sources cohesively. For data visualization, the tool offers the ability to design powerful charts in both 2D and 3D formats, with a range of chart types, including Pie, Bar, Column, TreeMaps, Geo, and Maps.

In SharePoint Online, the Data Viewer Web Part aligns smoothly with the modern interface, allowing users to intuitively add and configure it on site pages, enhancing their data visualization and analysis capabilities.

In SharePoint On-Premises, the Web Part remains equally versatile, offering the same deployment convenience and powerful data integration features to centralize and visualize data within the on-premises SharePoint environment.

Furthermore, the Data Viewer seamlessly extends its capabilities to Microsoft Teams, where it can be integrated as a Channel Tab. This integration ensures that Teams users can access the same data and visualizations available in SharePoint, fostering efficient collaboration and data-driven decision-making within the Teams platform.

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