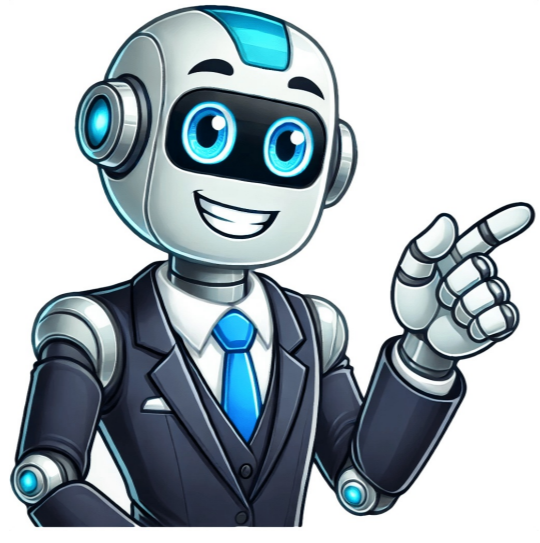


I'm not a robot



Welcome to the D3.js graph gallery: a collection of simple charts made with d3.js. D3.js is a JavaScript library for manipulating documents based on data. This gallery displays hundreds of chart, always providing reproducible & editable source code. D3.js, short for Data-Driven Documents, is a powerful JavaScript library used to create dynamic and interactive data visualizations in web browsers. Developed by Mike Bostock in 2011, it leverages HTML, CSS, and SVG for visualization. In this D3.js tutorial, you'll delve into creating dynamic and interactive data visualizations using D3.js. Starting with the fundamentals, you'll learn about SVG, data binding, and selections. Progressing to advanced topics like transitions, scales, and axes, you'll master the art of crafting captivating visualizations. D3.js tutorial empowers users to create dynamic, interactive data visualizations. It covers SVG, data binding, transitions, and more, essential for crafting captivating visualizations and enhancing data-driven storytelling on the web. What is D3.js? D3.js, or Data-Driven Documents, is a JavaScript library for manipulating documents based on data. It enables the creation of dynamic and interactive data visualizations in web browsers using HTML, SVG, and CSS, making it a powerful tool for data-driven storytelling and analysis. Reason to learn D3.js: Data is essential for decision-making and understanding trends. Raw data needs cleaning and correction for accurate analysis. Data visualization makes complex information easier to understand. Data can be formatted in various ways for different purposes. Visual representations like graphs provide quick insights into trends and patterns. Download D3.js Library To download D3.js, visit the official website at d3js.org. You can either download the latest version directly from the website or use package managers like npm or yarn. Alternatively, you can include it directly in your HTML file using a CDN link. D3.js Editor: D3.js doesn't have a specific built-in editor. Developers often use code editors like Visual Studio Code. Online platforms like CodePen and JSFiddle are popular choices. Integrated development environments (IDEs) like WebStorm also support D3.js development. Installation of D3.js Step 1: Download the latest version of the D3.js library from the official website (D3.js website). Currently, the latest version of D3.js is v7.8.1. Step 2: Extract the zipped file obtained after the download Step 3: Search for the d3.min.js file which is present inside the dist folder. Step 4: Copy this file to the root folder or the main library directory of the web page. Project Structure D3.js project structure Another short and easier way to use D3.js directly is by including the following script tag in your index.html file: