# Announcing the D3.js Graph Gallery

## Summary

The [d3 graph gallery](https://www.d3-graph-gallery.com/) is a collection of 200 simple charts made with d3.js, with reproducible, commented and editable code.

## Suggested Tags

D3, D3.js, Dataviz, Data visualization, Charts, Web, Javascript, Html, CSS

## Blog text

## What is d3.js

[D3.js](https://d3js.org/) is a JavaScript library for manipulating documents based on data. Basically, it helps you build shapes based on HTML, SVG, and CSS. D3.js has been created by [Mike Bostock](https://bost.ocks.org/mike/) and its home is [here](https://d3js.org/).  
  
Why is d3 so awesome? Because it allows to build absolutely any type of visualization, without any limits.

## D3 is hard, we need simple examples

Learning d3.js is hard, there is no doubt about that.

D3.js already has awesome dedicated ressources to get code example: a [wiki](https://github.com/d3/d3/wiki/Gallery), a [gallery](http://christopheviau.com/d3list/gallery.html) and the very awesome [block builder](http://blockbuilder.org/search). Moreover, thousands of [blocks](https://bl.ocks.org/) are available online.   
  
The d3 graph gallery aims to contribute to this documentation by providing a set of simple examples.   
  
While blocks are awesome to demonstrate the possibilities offered by d3, it is sometimes hard to find a basic example illustrating a single concept: this gallery hopes to fill the gap.

## How the gallery works

About 300 charts are displayed in the gallery. They are classified in about 40 sections: the main chart types describe in [data to viz](https://www.data-to-viz.com/).   
  
For each graph, the chart appears on the left at a static position and the editable code on the right. Playing with the code is the best way to understand how it works IMO. 

*[Insert Gallery\_Demo.gif]*

Technical details are provided under each chart, linking to related docs. No consideration is given concerning dataviz best practice, links toward [data to viz](https://www.data-to-viz.com/) are provided for this concern.   
  
Code is extensively commented and data are stored online. It allows to copy and paste the code in a .html file and make it works locally.

## Author Bio

[Yan Holtz](https://www.yan-holtz.com/) is a passionate data analyst specialized in data visualization. He built Dataviz related website like the [R](http://www.r-graph-gallery.com/), the [Python](https://www.python-graph-gallery.com/) and the [D3.js](https://www.d3-graph-gallery.com/) graph galleries as well as [data-to-viz](https://www.data-to-viz.com/). He can be reached at: yan.holtz.data@gmail.com.

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