

SI 649 W 2019 - Lab 5 - D3 2

Summary of functions covered in this lab

Function Name	Description	URL
parseInt()	parseInt() function parses a string argument and returns an integer of the specified radix (the base in mathematical numeral systems).	https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/parseInt
d3.nest()	d3.nest is about taking a flat data structure and turning it into a nested one	http://learnjsdata.com/group_data.html
d3.keys()	Returns an array containing the property names of the specified object (an associative array). The order of the returned array is undefined.	https://d3-wiki.readthedocs.io/zh_CN/master/Arrays/
d3.entries()	Returns an array containing the property keys and values of the specified object (an associative array). Each entry is an object with a key and value attribute, such as {key: "foo", value: 42}. The order of the returned array is undefined.	https://d3-wiki.readthedocs.io/zh_CN/master/Arrays/
d3.rollup()	Specifies a rollup function to be applied on each group of leaf elements. The return value of the rollup function will replace the array of leaf values in either the associative array returned by the map operator, or the values attribute of each entry returned by the entries operator.	https://d3-wiki.readthedocs.io/zh_CN/master/Arrays/
d3.scaleBand()	Band scales are like ordinal scales except the output range is continuous and numeric.	https://www.tutorialsteacher.com/d3js/scales-in-d3
domain()	The domain property of the Document interface gets/sets the domain portion of the origin of the current document, as used by the same origin policy.	https://developer.mozilla.org/en-US/docs/Web/API/Document/domain
range()	The Range() constructor returns a newly created Range object whose start and end is the global Document object.	https://developer.mozilla.org/en-US/docs/Web/API/Range/Range
padding()	The padding CSS property sets the padding area on all four sides of an element. It is a shorthand for padding-top, padding-right, padding-bottom, and padding-left.	https://developer.mozilla.org/en-US/docs/Web/CSS/padding

d3.scaleLinear()	Construct continuous linear scale where input data (domain) maps to specified output range.	https://www.tutorialsteacher.com/d3js/scales-in-d3
.call()	calls a function with a given this value and arguments provided individually.	https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Function/call
d3.axisLeft()	Creates left vertical axis.	https://www.tutorialsteacher.com/d3js/axes-in-d3
d3.axisBottom()	Creates bottom horizontal axis.	https://www.tutorialsteacher.com/d3js/axes-in-d3
.ticks()	Define the ticks number on the axe	https://d3-wiki.readthedocs.io/zh_CN/master/SVG-Axes/
.style()	The HTMLElement.style property is used to get as well as set the inline style of an element.	https://developer.mozilla.org/en-US/docs/Web/API/HTMLElement/style