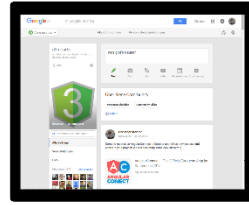
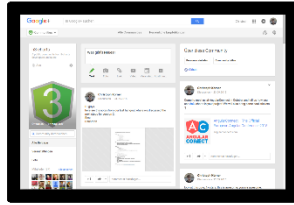
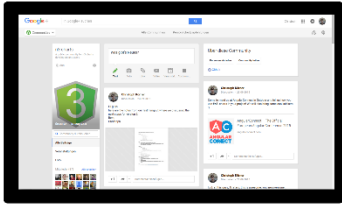


Chapter 1: Getting Started with Responsive Design, Bootstrap, and D3.js



IE	Edge *	Firefox	Chrome	Safari	Opera	iOS Safari *	Opera Mini *	Android Browser *	Chrome for Android
								4.1	
8		38	31					4.3	
9		39	43					4.4	
10		40	44	8		8.4		4.4.4	
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	13	42	46		33				
		43	47		34				
		44	48						

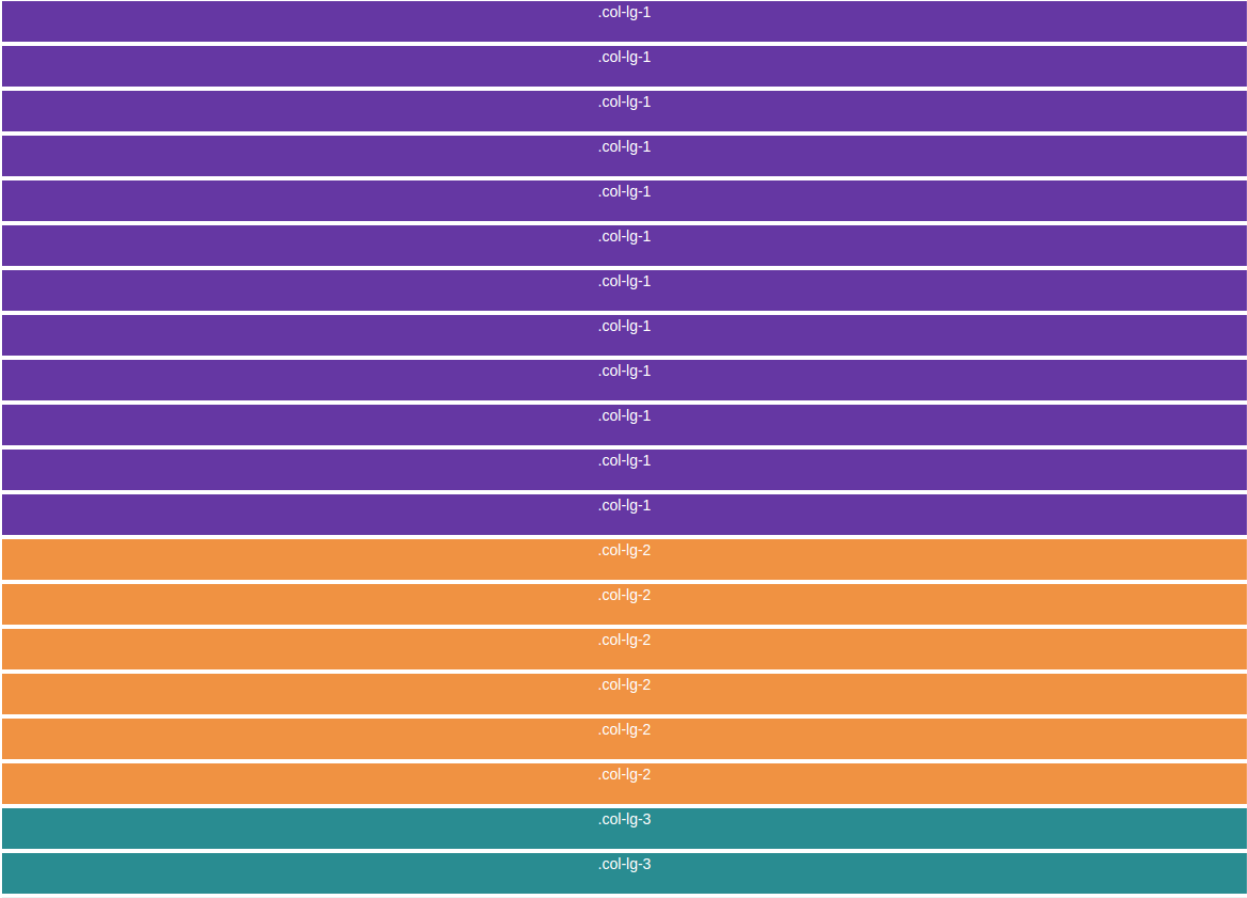




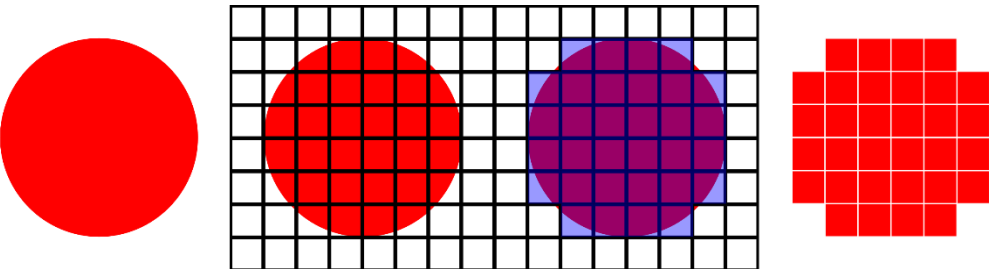


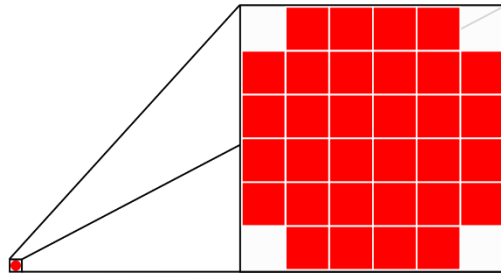
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.col-2		.col-2		.col-2		.col-2		.col-2		.col-2	
.col-3			.col-3			.col-3			.col-3		
.col-4				.col-4				.col-4			
.col-6						.col-6					
.col-12											

.col-lg-1	.col-lg-1	.col-lg-1	.col-lg-1	.col-lg-1	.col-lg-1	.col-lg-1	.col-lg-1	.col-lg-1	.col-lg-1	.col-lg-1	.col-lg-1
.col-lg-2		.col-lg-2		.col-lg-2		.col-lg-2		.col-lg-2		.col-lg-2	
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.col-lg-6						.col-lg-6					
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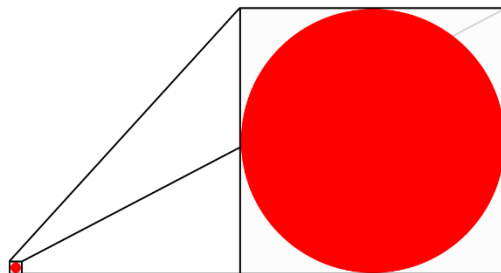
IE	Edge *	Firefox	Chrome	Safari	Opera	iOS Safari *	Opera Mini *	Android Browser *	Chrome for Android
								4.1	
8		38	31					4.3	
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10		40	44	8		8.4		4.4.4	
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	13	42	46		33				
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		44	48						



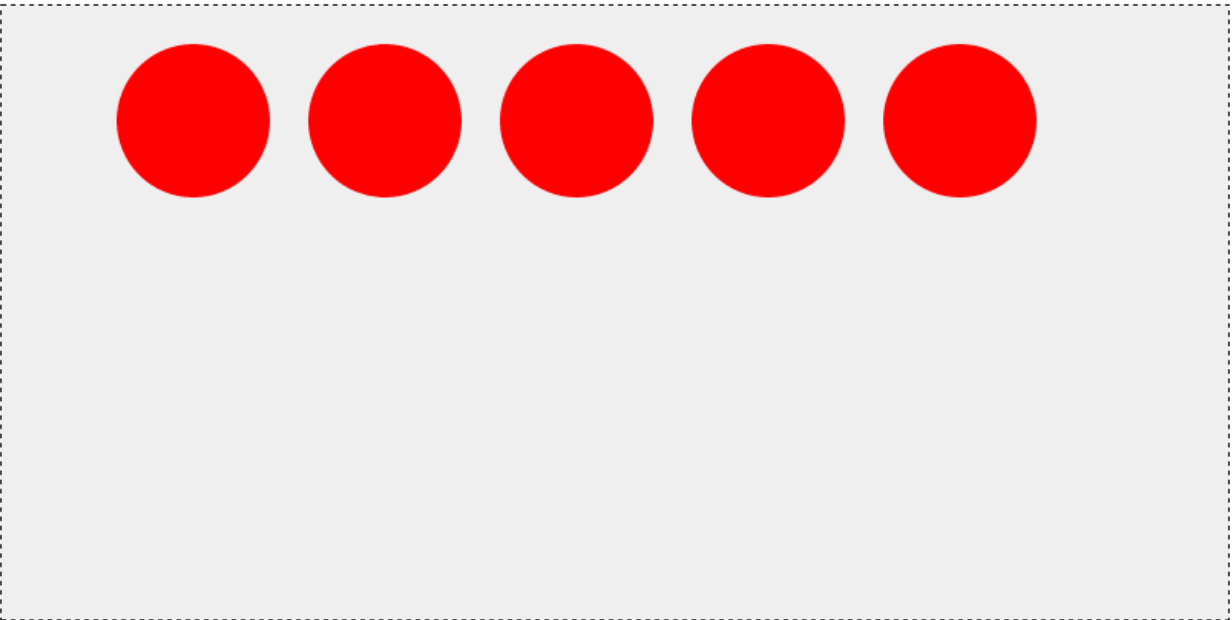
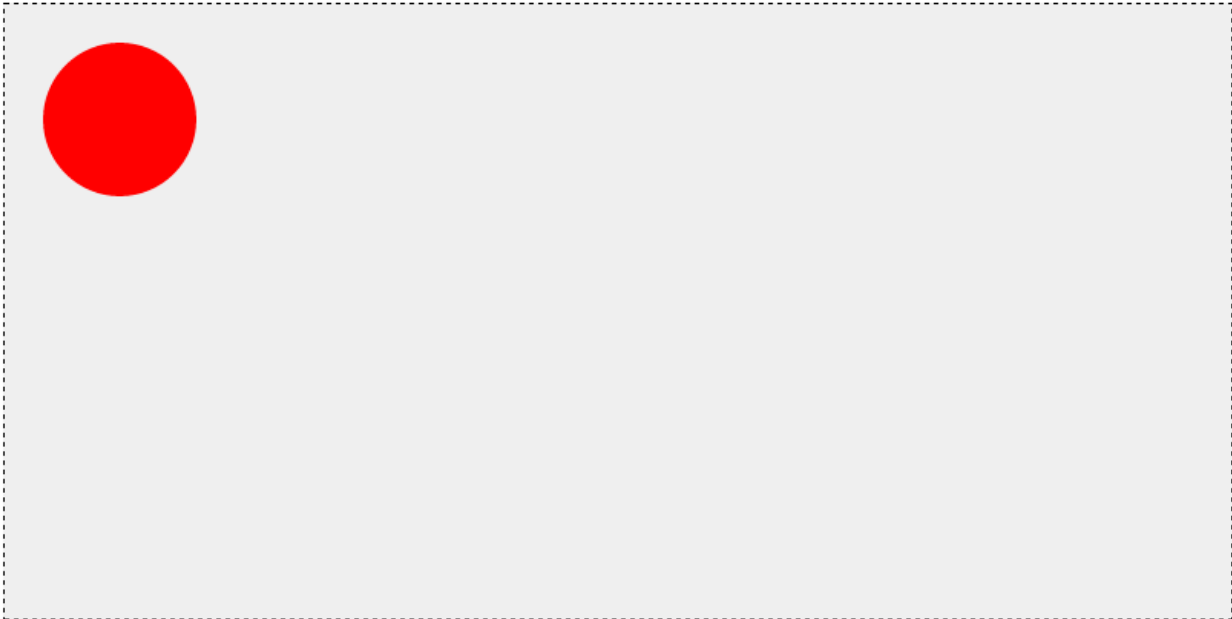


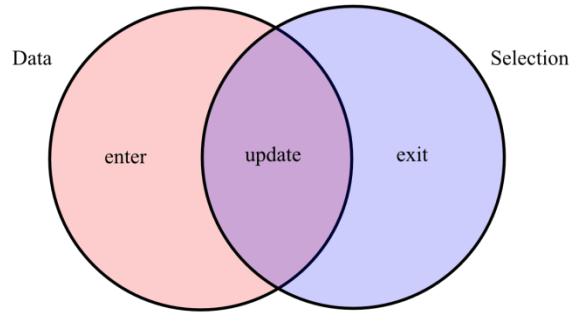
IE	Edge *	Firefox	Chrome	Safari	Opera	iOS Safari *	Opera Mini *	Android Browser *	Chrome for Android
								4.1	
8		38	31					4.3	
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11	12	41	45	9	32	9	8	44	45
	13	42	46		33				
		43	47		34				
		44	48						

IE	Edge *	Firefox	Chrome	Safari	Opera	iOS Safari *	Opera Mini *	Android Browser *	Chrome for Android
								4.1	
8		38	31					4.3	
9		39	43					4.4	
10		40	44	8		8.4		4.4.4	
11	12	41	45	9	32	9	8	44	45
	13	42	46		33				
		43	47		34				
		44	48						



Chapter 2: Creating a Bar Chart Using D3.js and SVG

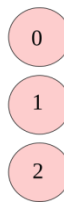




Selection



Data



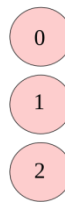
enter



Selection



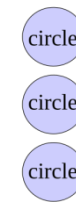
Data



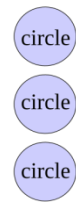
update



Selection



Selection



Selection



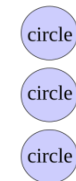
Data



update



Selection



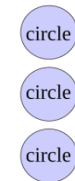
Data



exit

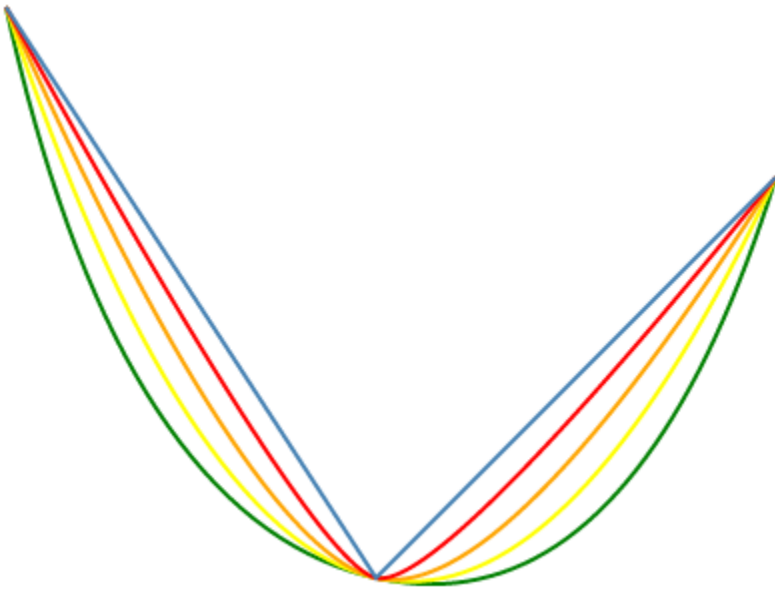
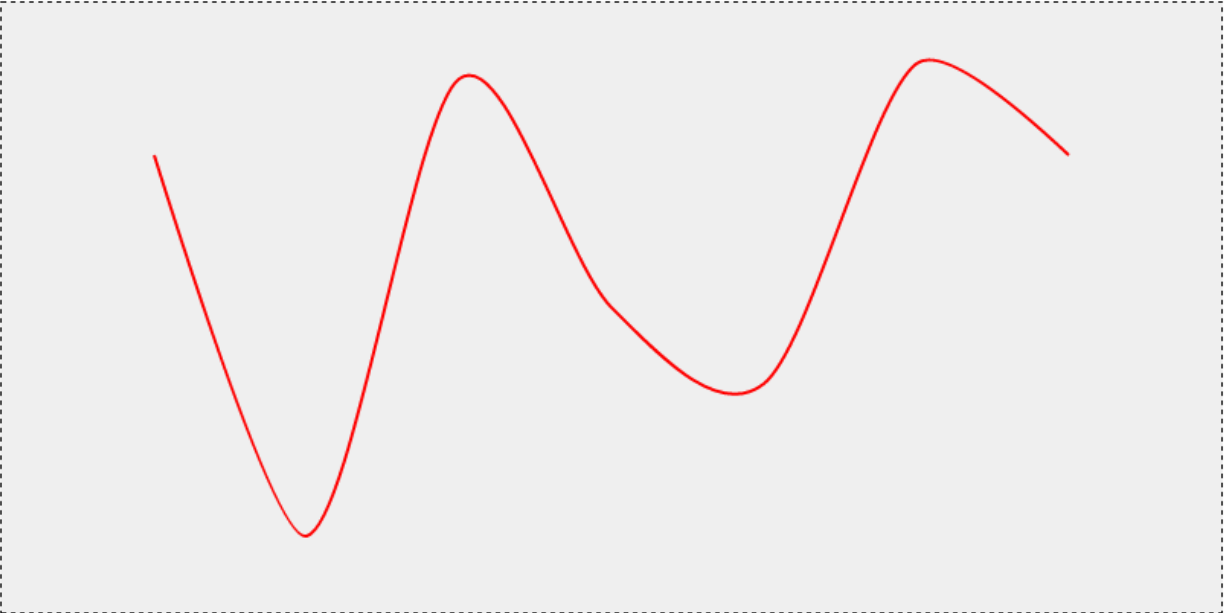


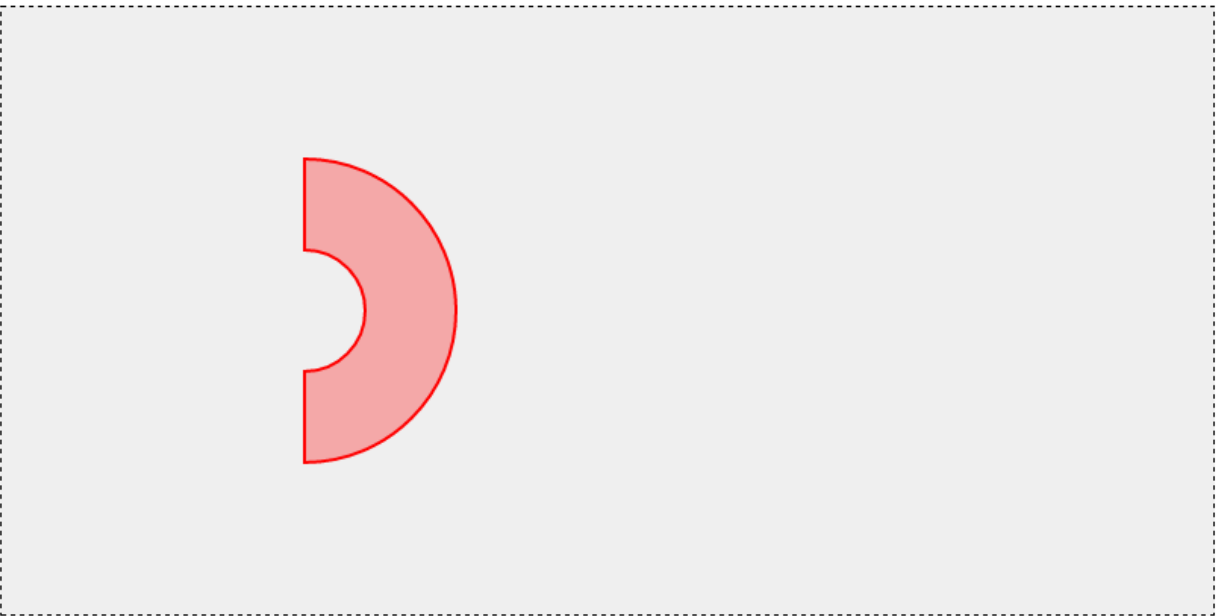
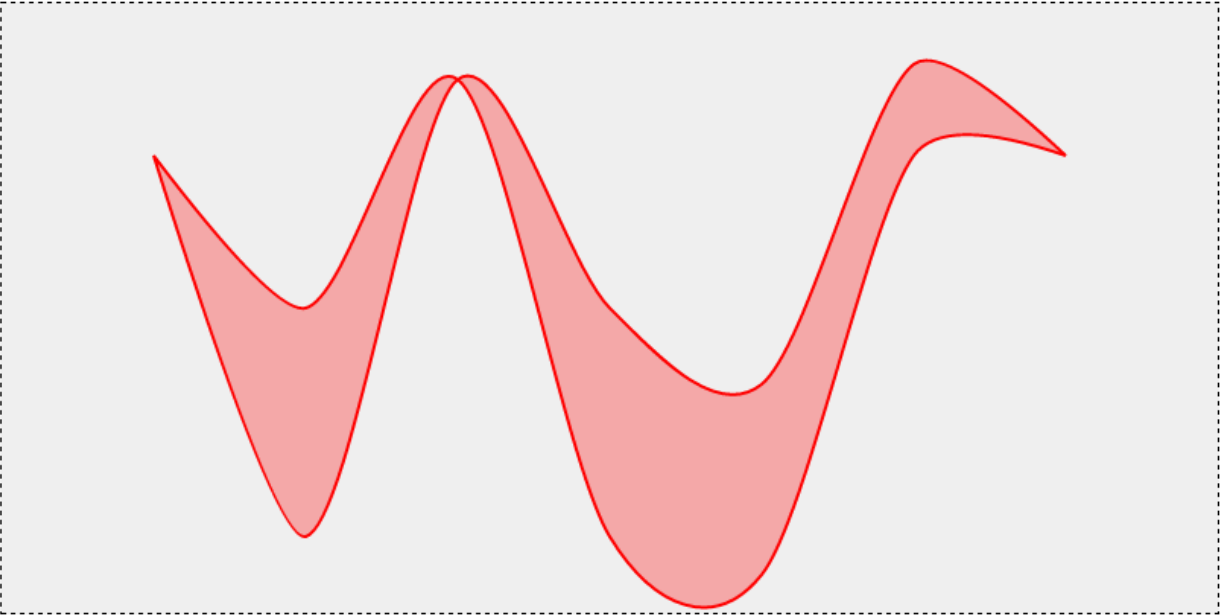
Selection



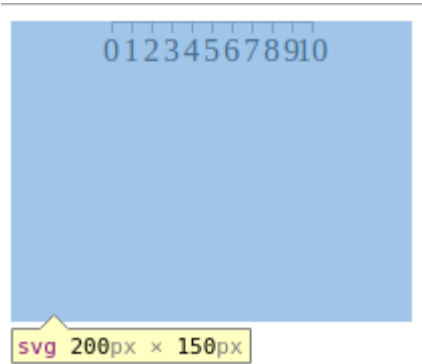
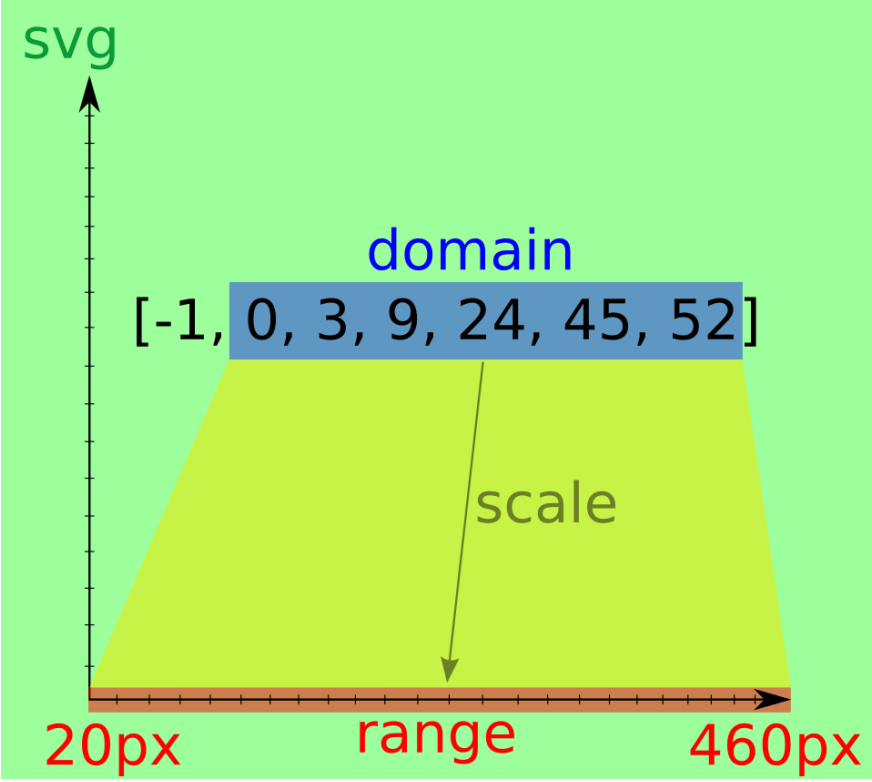
Selection

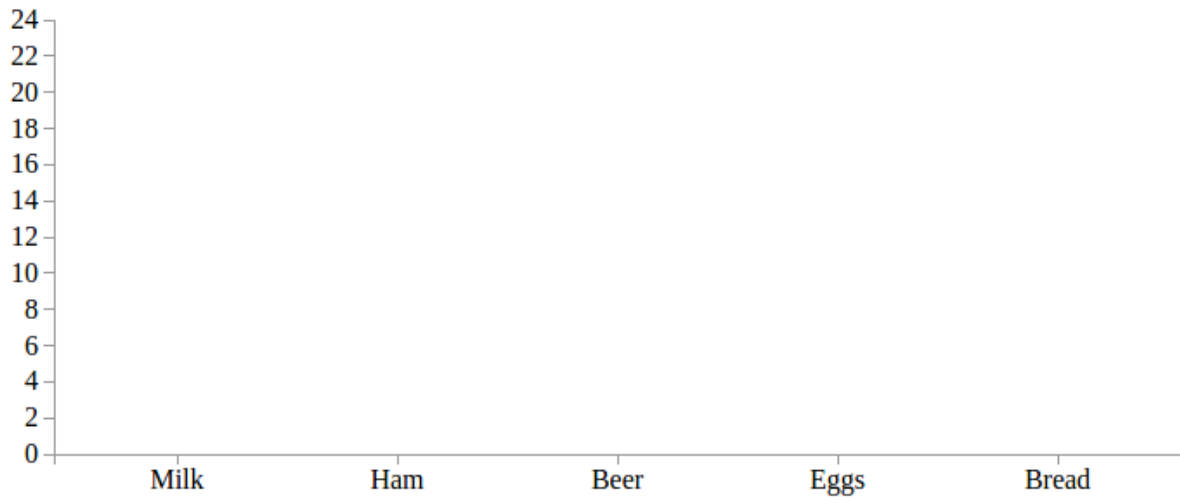
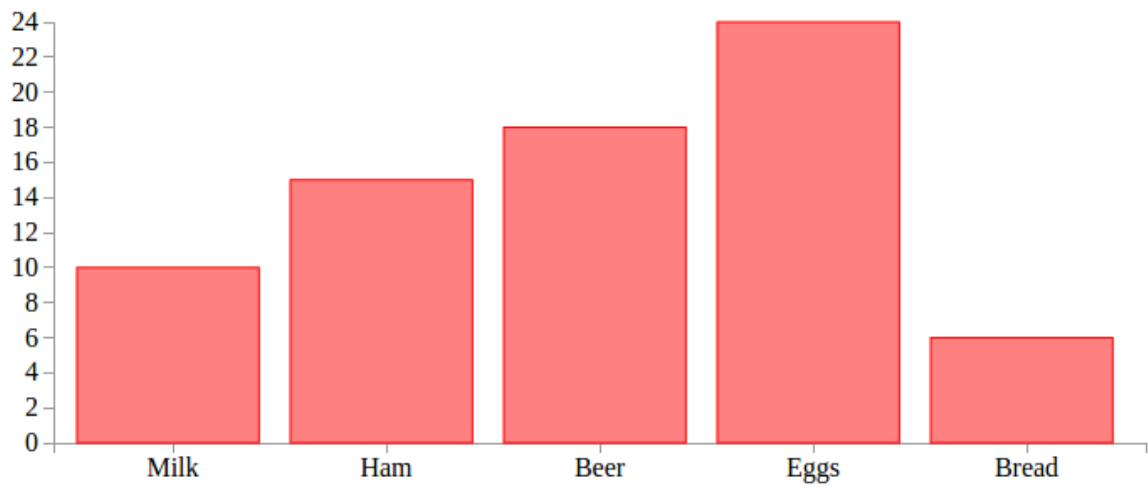




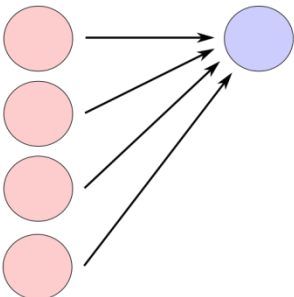
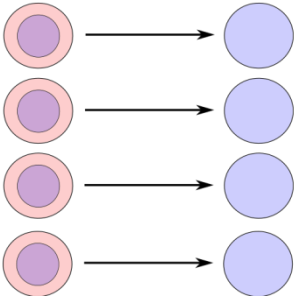
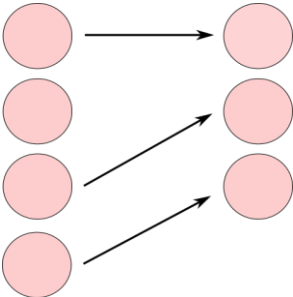


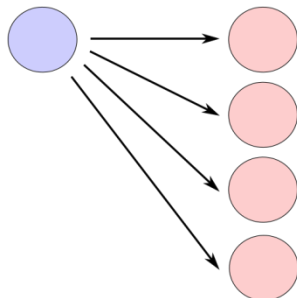
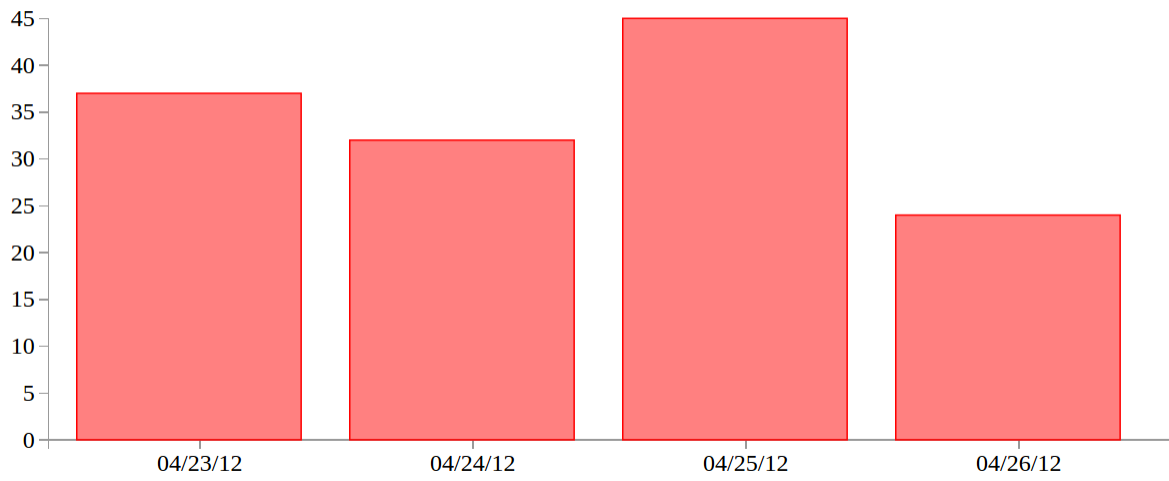
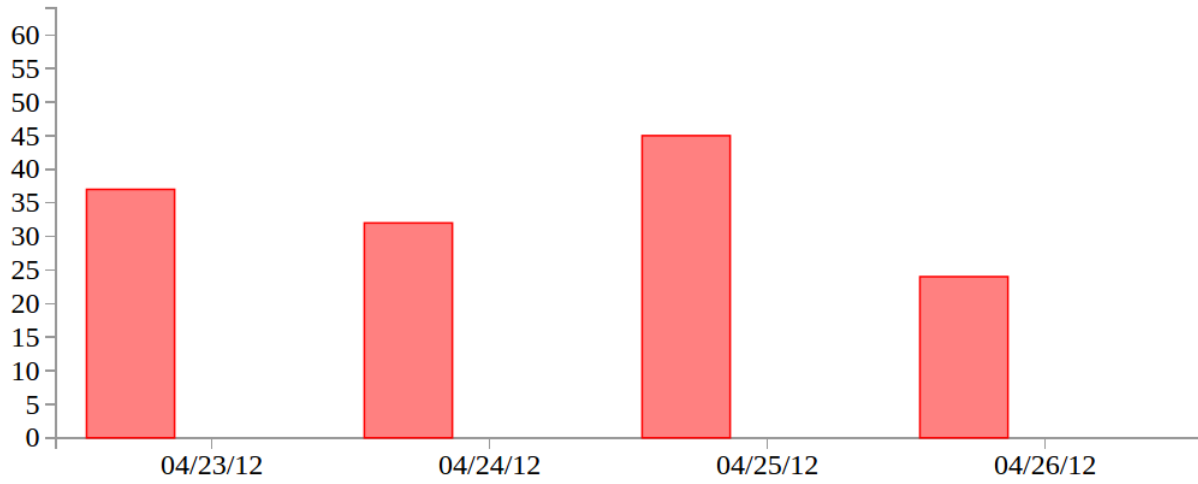
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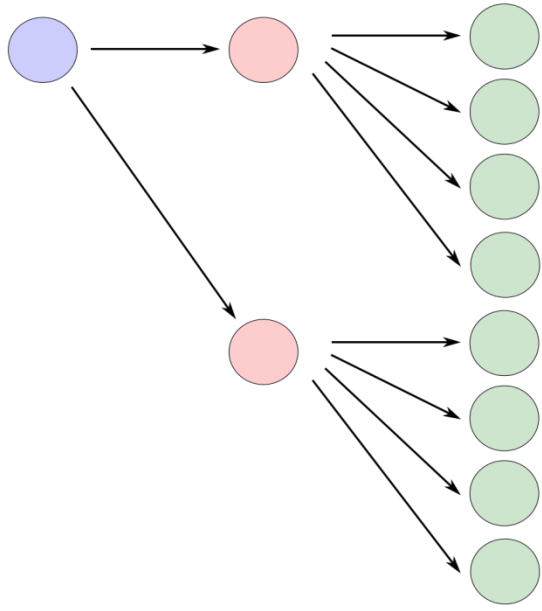




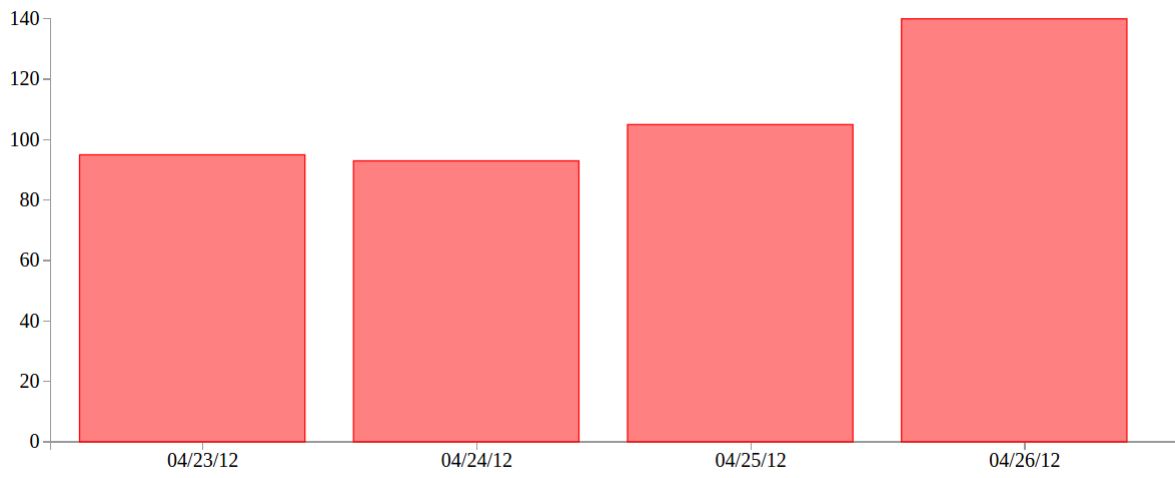
Chapter 3: Loading, Filtering, and Grouping Data







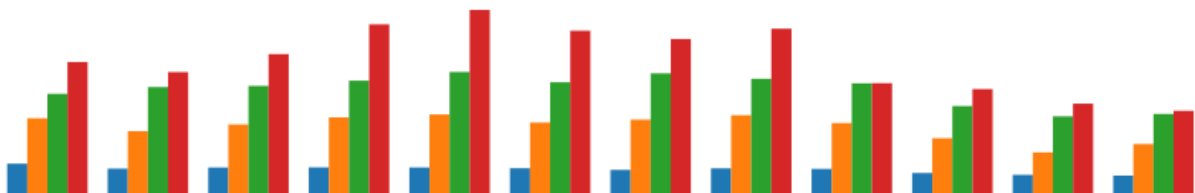
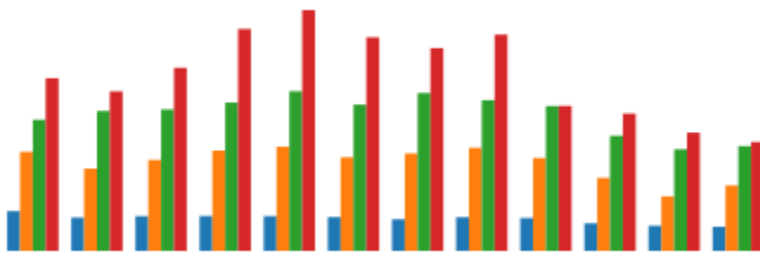
```
▼ [Object, Object, Object, Object] ⓘ
  ▼ 0: Object
    key: "04/23/12"
    ▼ values: Array[3]
      ▼ 0: Object
        date: "04/23/12"
        key: "Group1"
        value: "37"
        ▶ proto : Object
      ▼ 1: Object
        date: "04/23/12"
        key: "Group2"
        value: "12"
        ▶ proto : Object
      ▼ 2: Object
        date: "04/23/12"
        key: "Group3"
        value: "46"
        ▶ proto : Object
        length: 3
        ▶ proto : Array[0]
      ▶ proto : Object
    ▼ 1: Object
      key: "04/24/12"
      ▶ values: Array[3]
      ▶ proto : Object
    ▶ 2: Object
    ▶ 3: Object
    length: 4
    ▶ proto : Array[0]
```

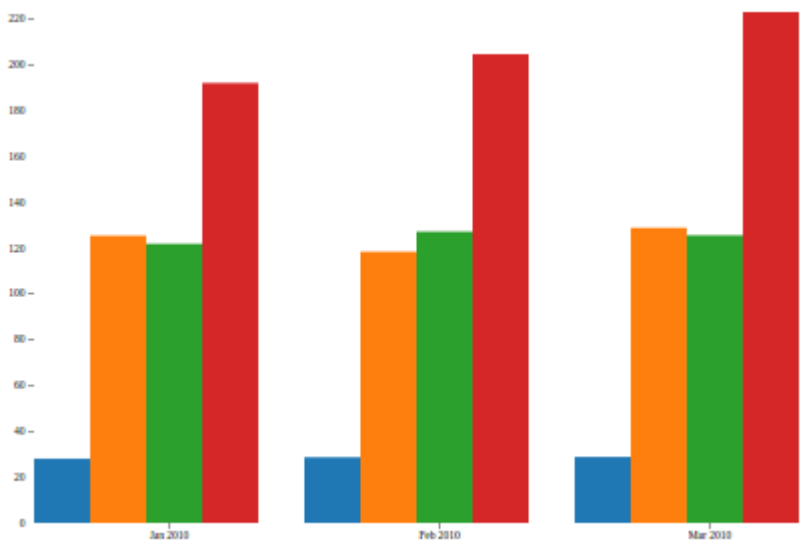
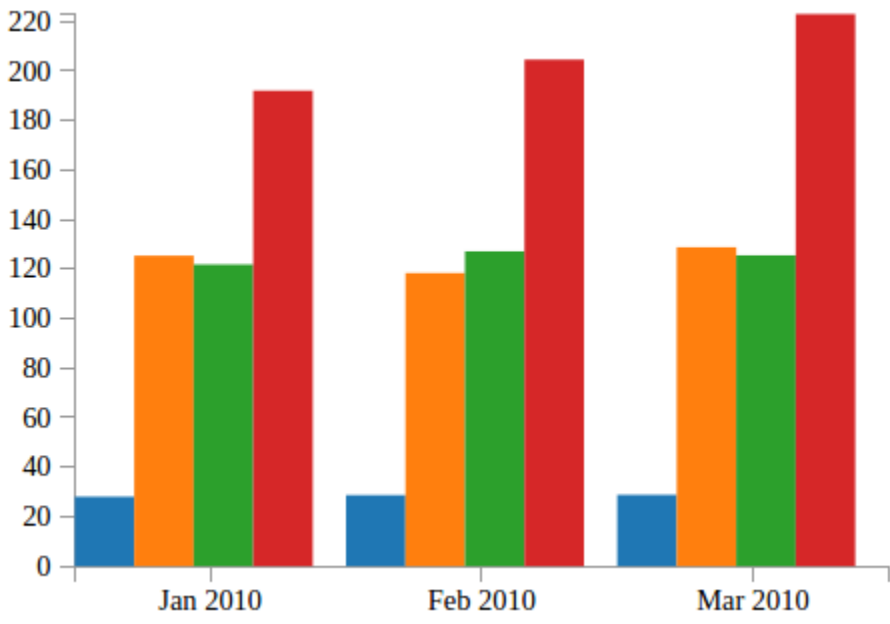


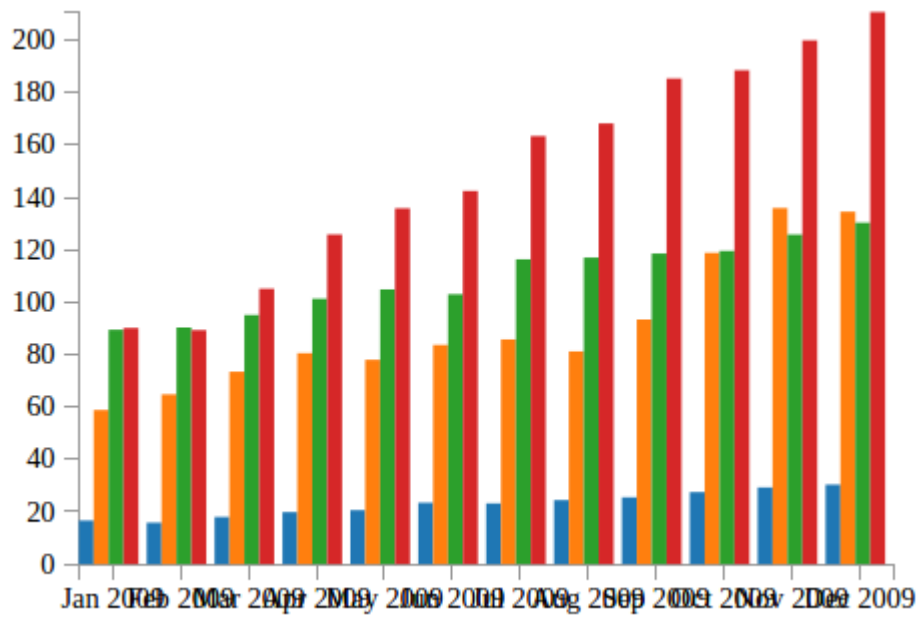
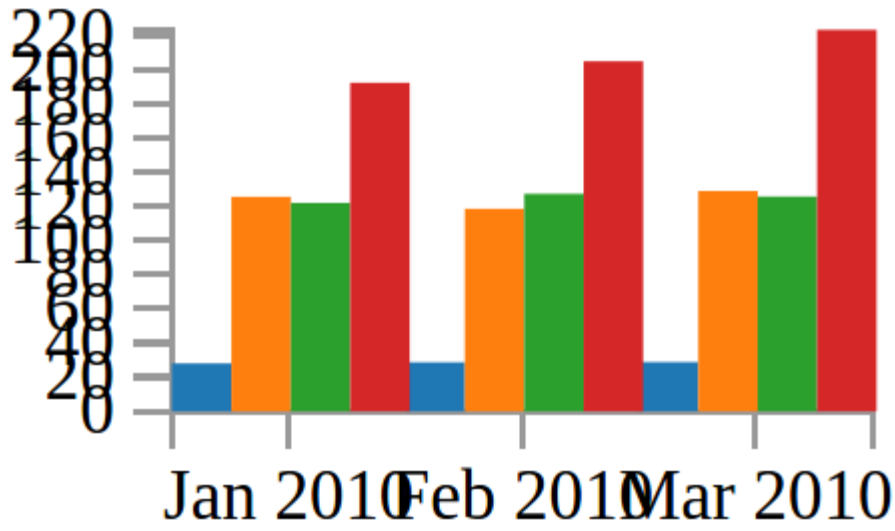
Chapter 4: Making the Chart Responsive Using Bootstrap and Media Queries

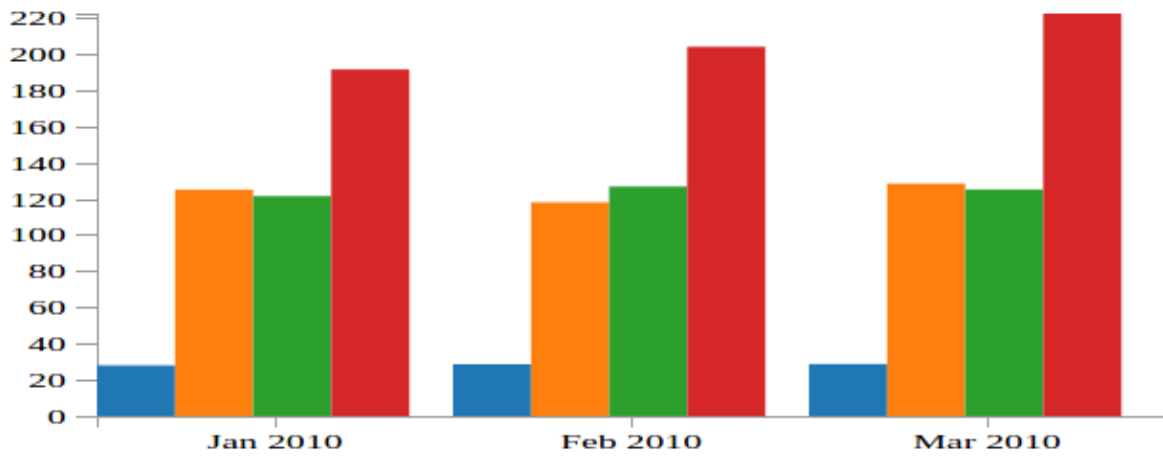
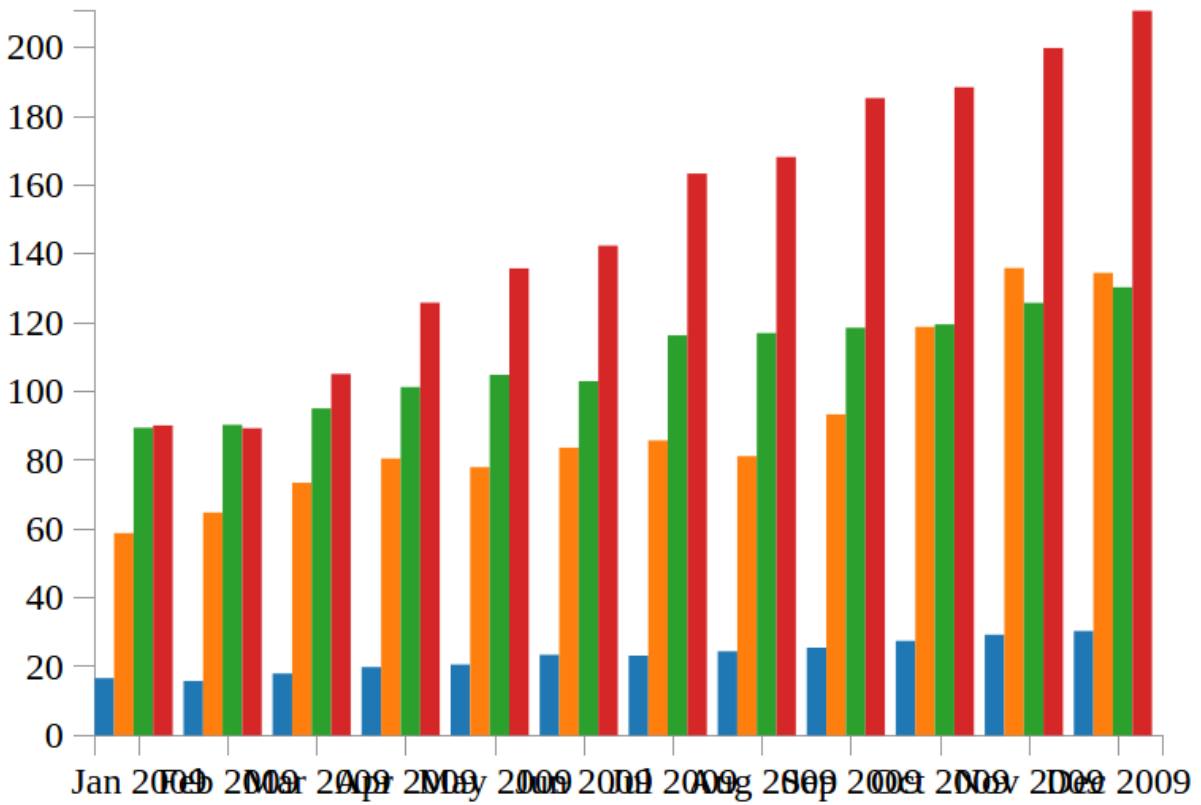
IE	Edge *	Firefox	Chrome	Safari	Opera	iOS Safari *	Opera Mini *	Android Browser *	Chrome for Android
								4.1	
8			43					4.3	
¹ 9		40	44					4.4	
¹ 10	12	41	45	8	32	8.4		4.4.4	
11	13	42	46	9	33	9.1	8	44	46
	14	43	47		34				
		44	48		35				
		45	49						

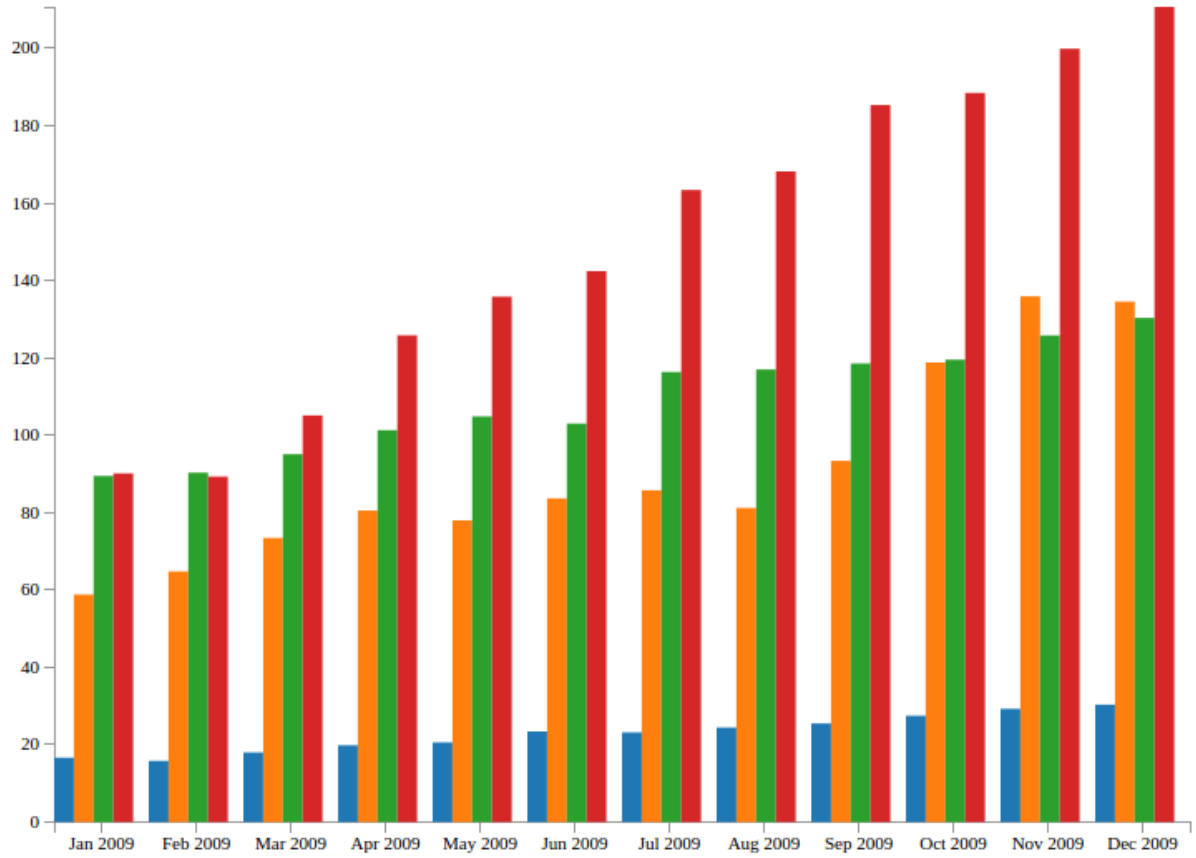
IE	Edge *	Firefox	Chrome	Safari	Opera	iOS Safari *	Opera Mini *	Android Browser *	Chrome for Android
								4.1	
8			43					4.3	
² 9		40	44					¹ 4.4	
10	12	41	45	8	32	8.4		¹ 4.4.4	
11	13	42	46	9	33	9.1	8	44	46
	14	43	47		34				
		44	48		35				
		45	49						

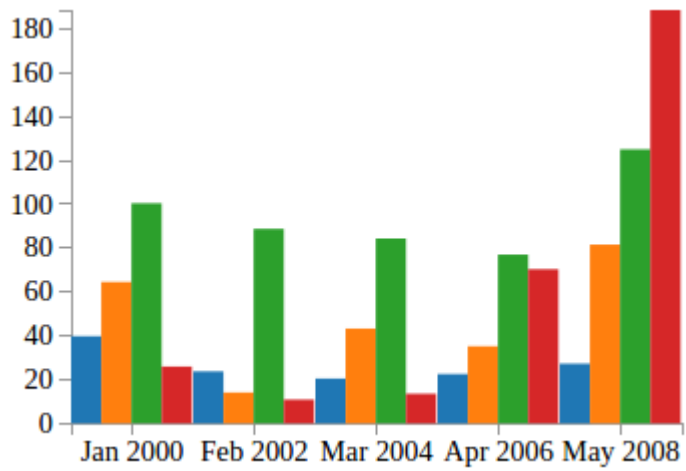
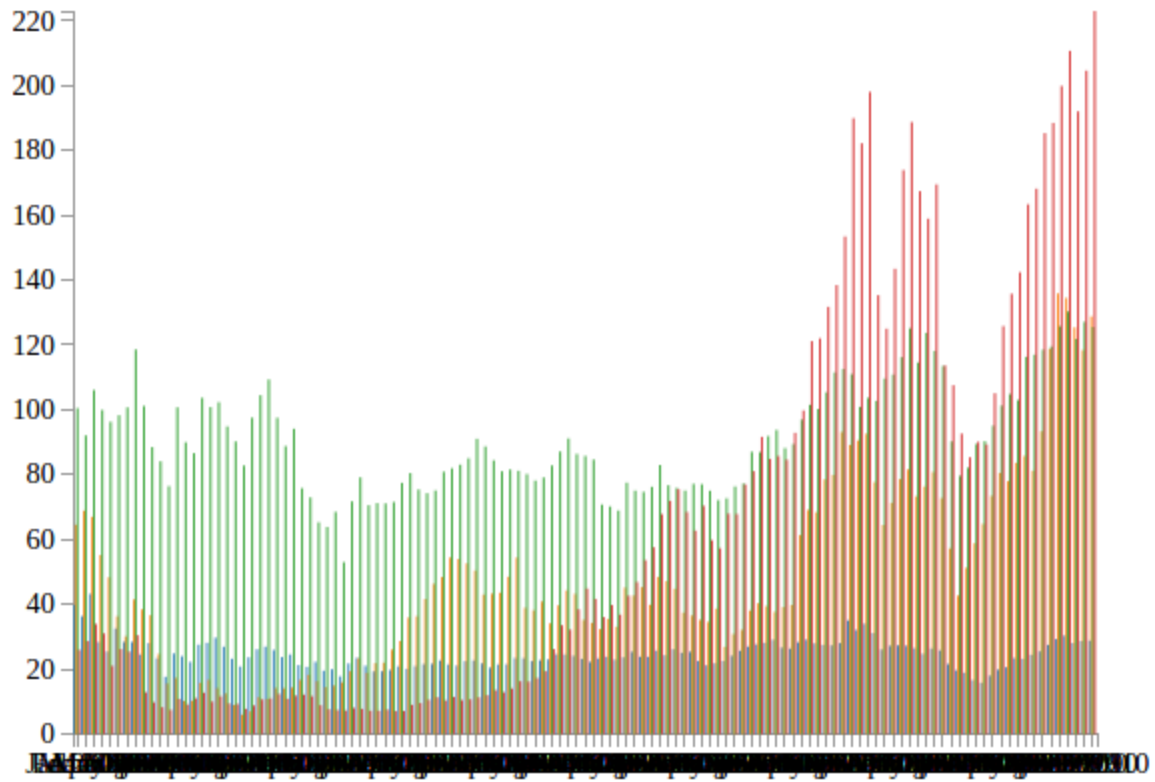


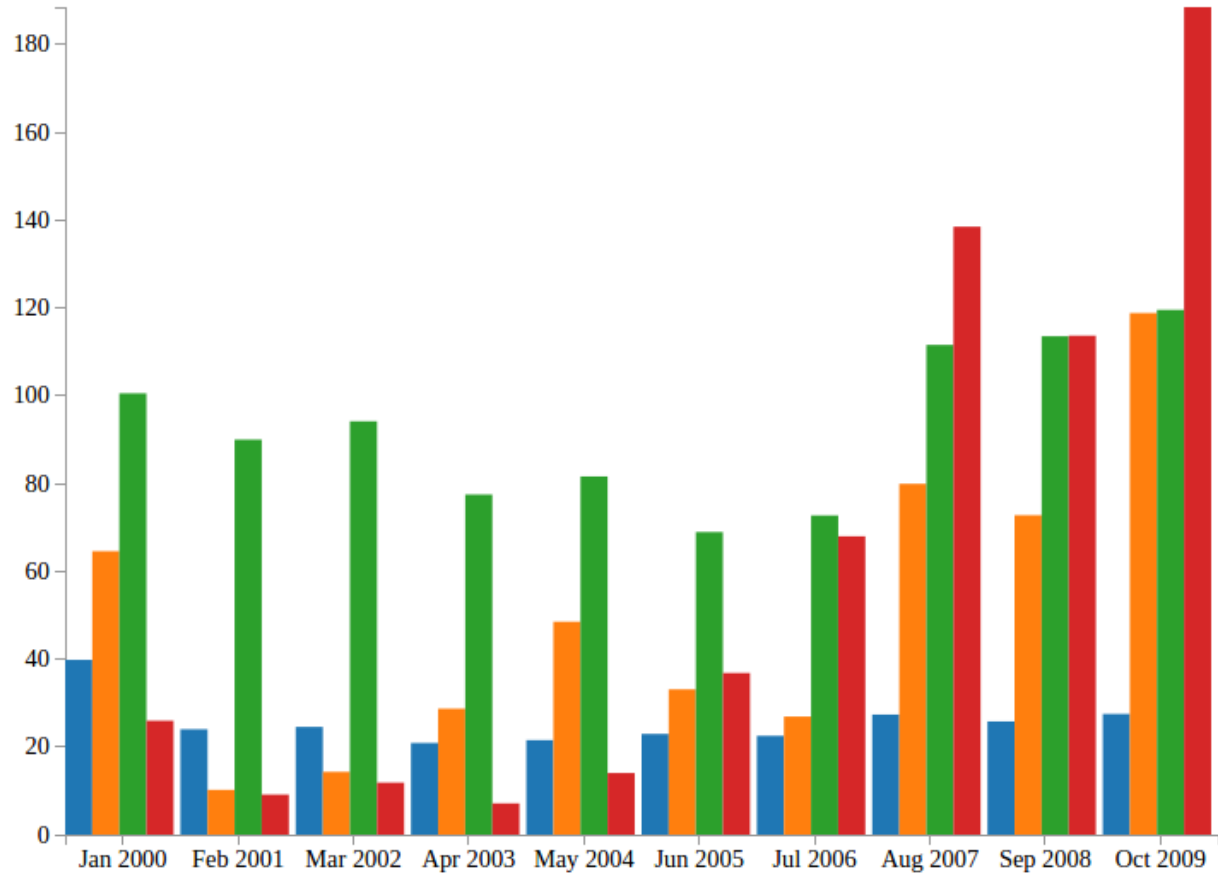






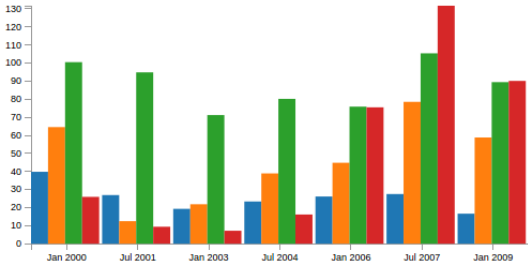
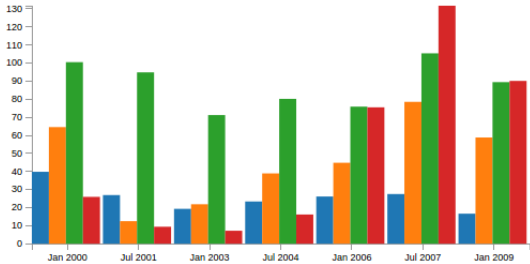
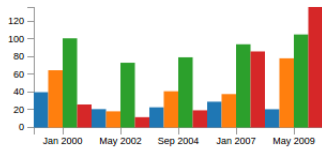
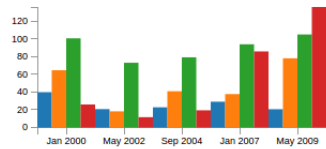
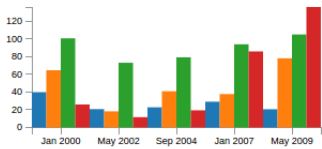
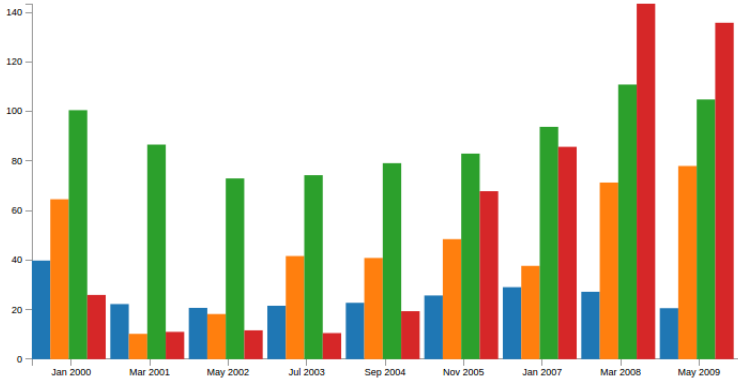




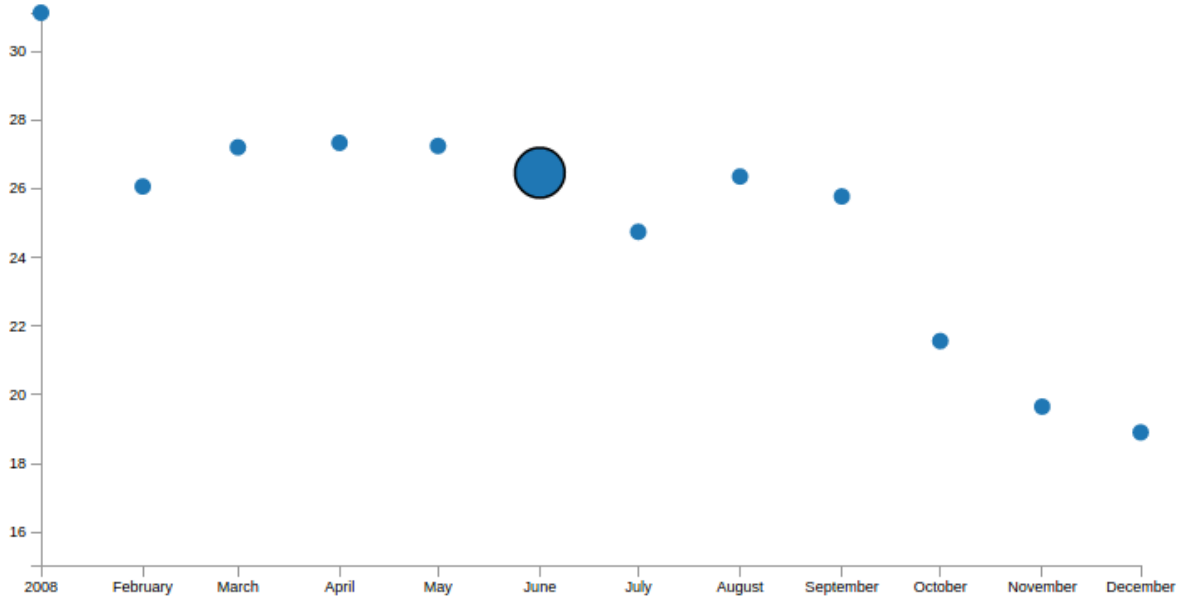
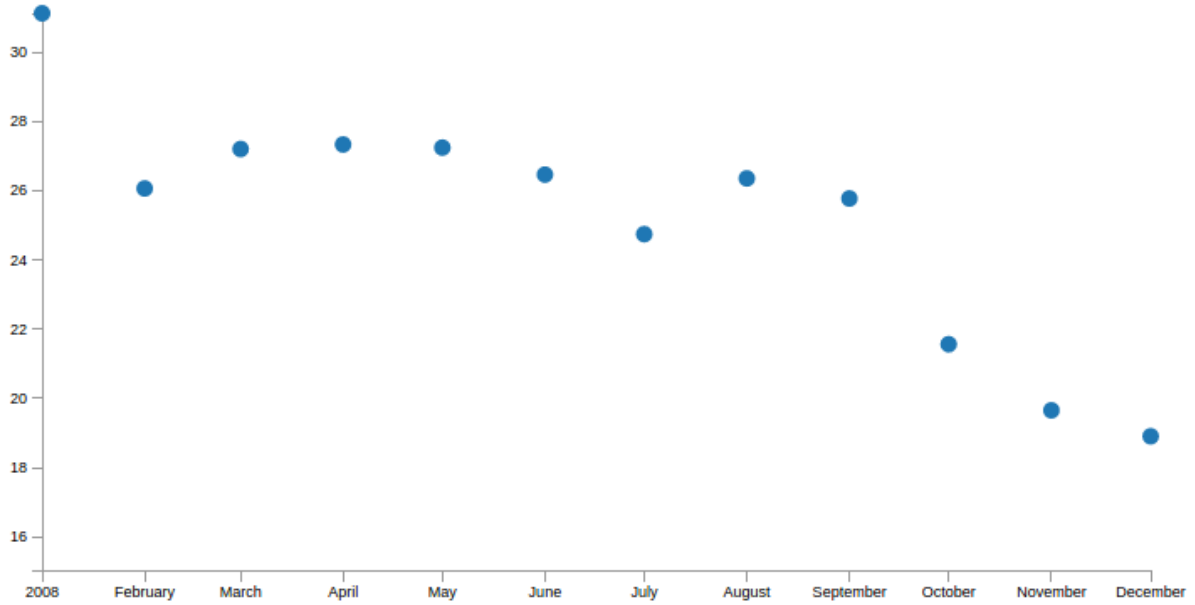


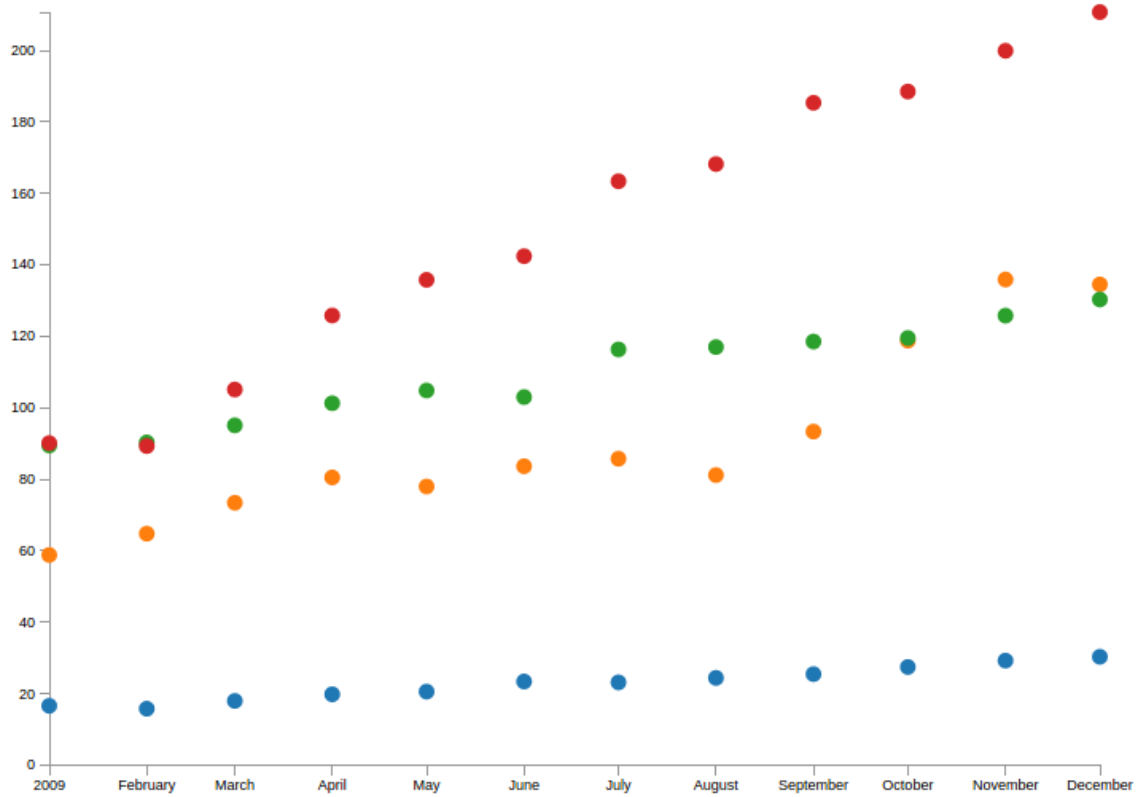
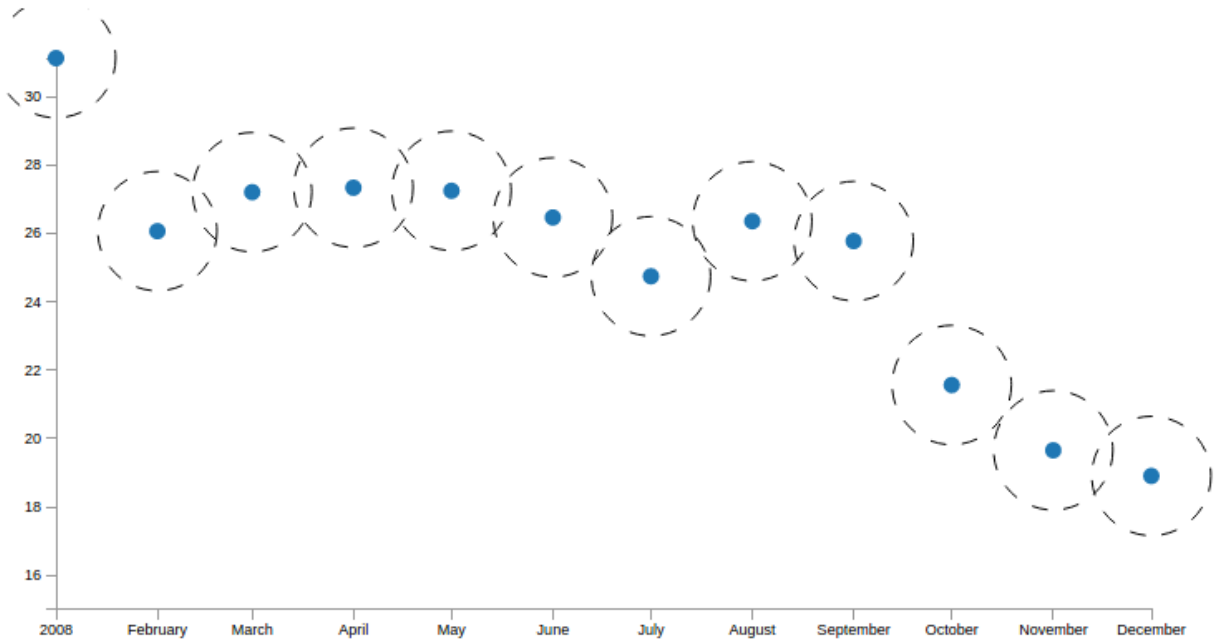
My Dashboard

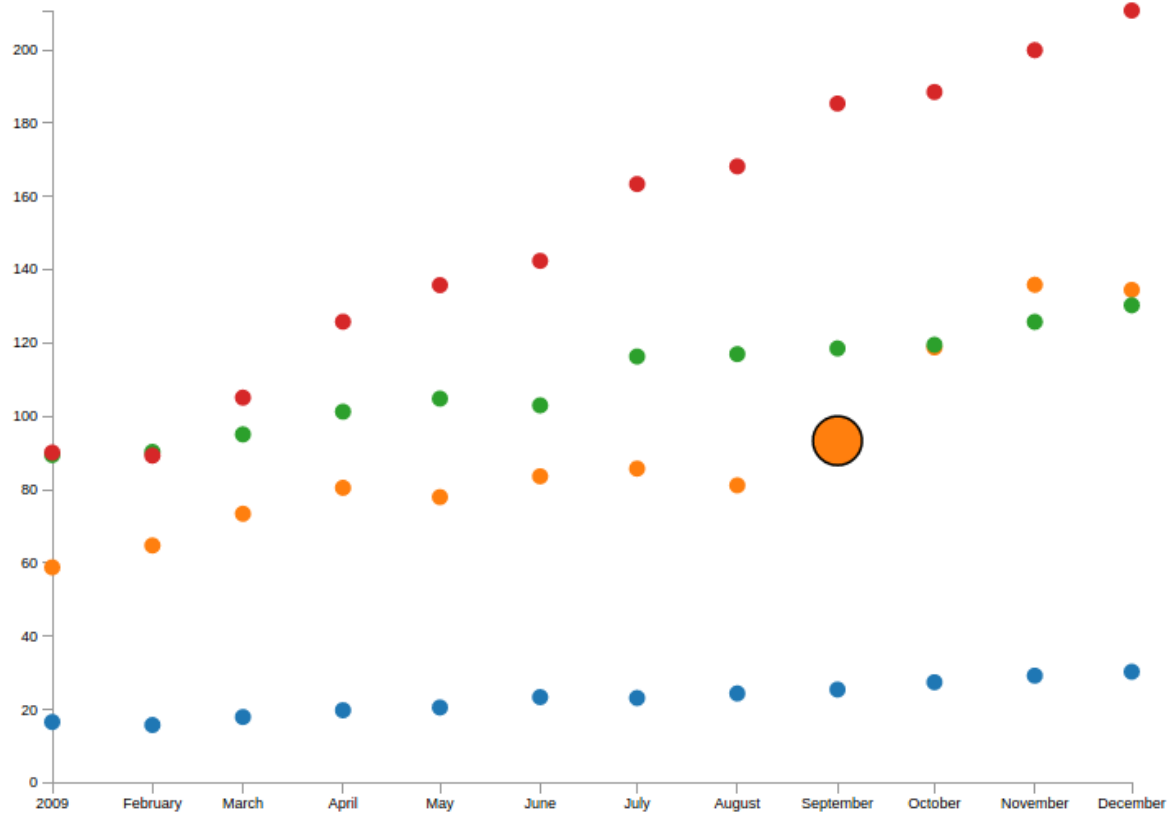
This is a simple dashboard

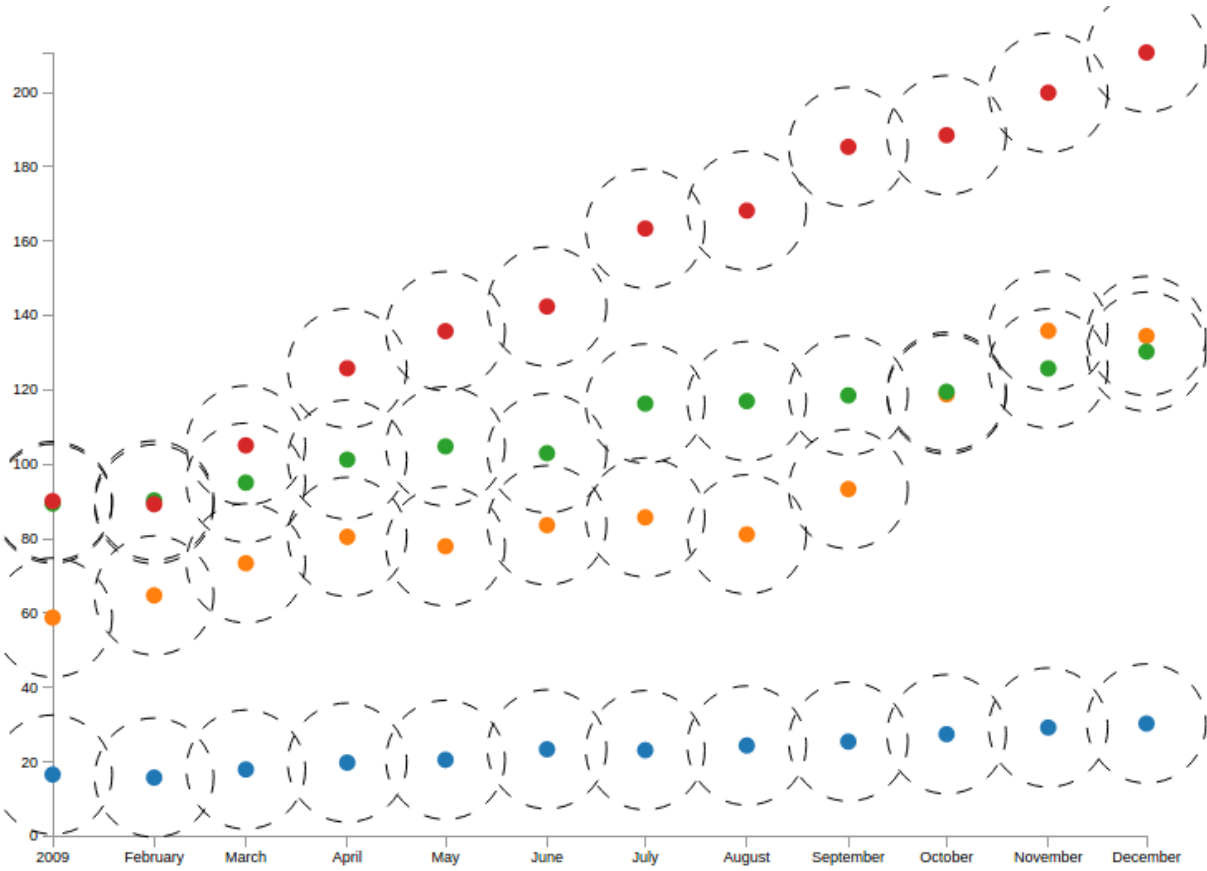


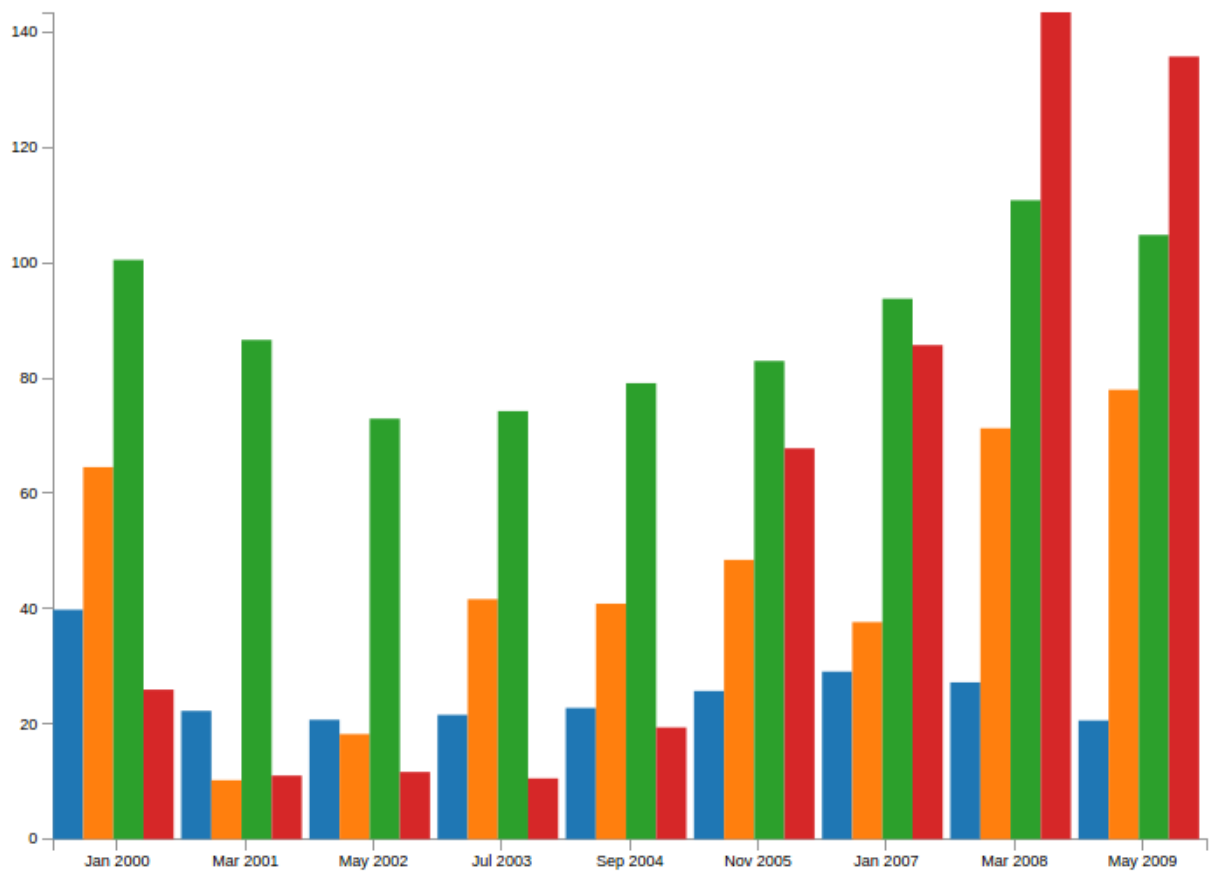
Chapter 5: Building Responsive Interactions

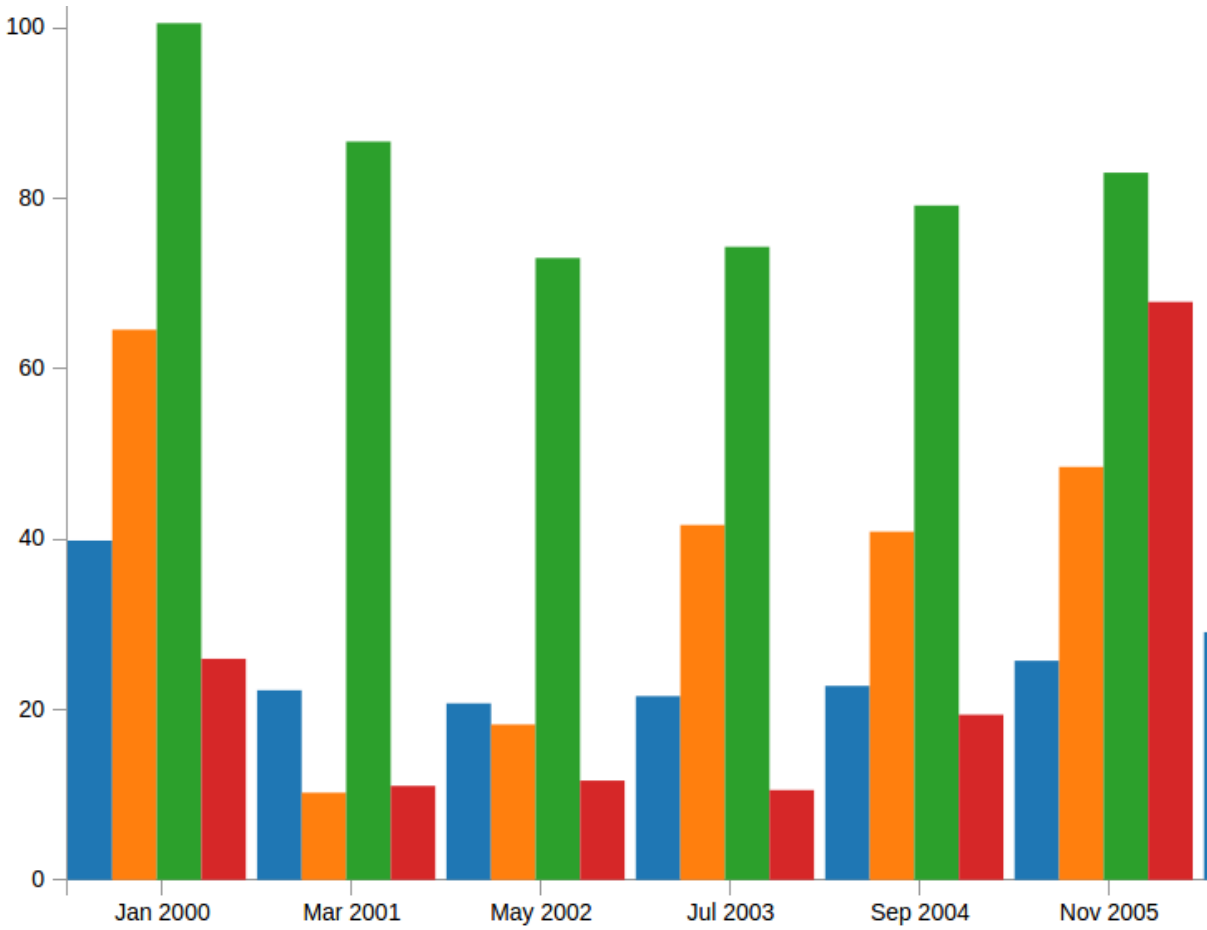


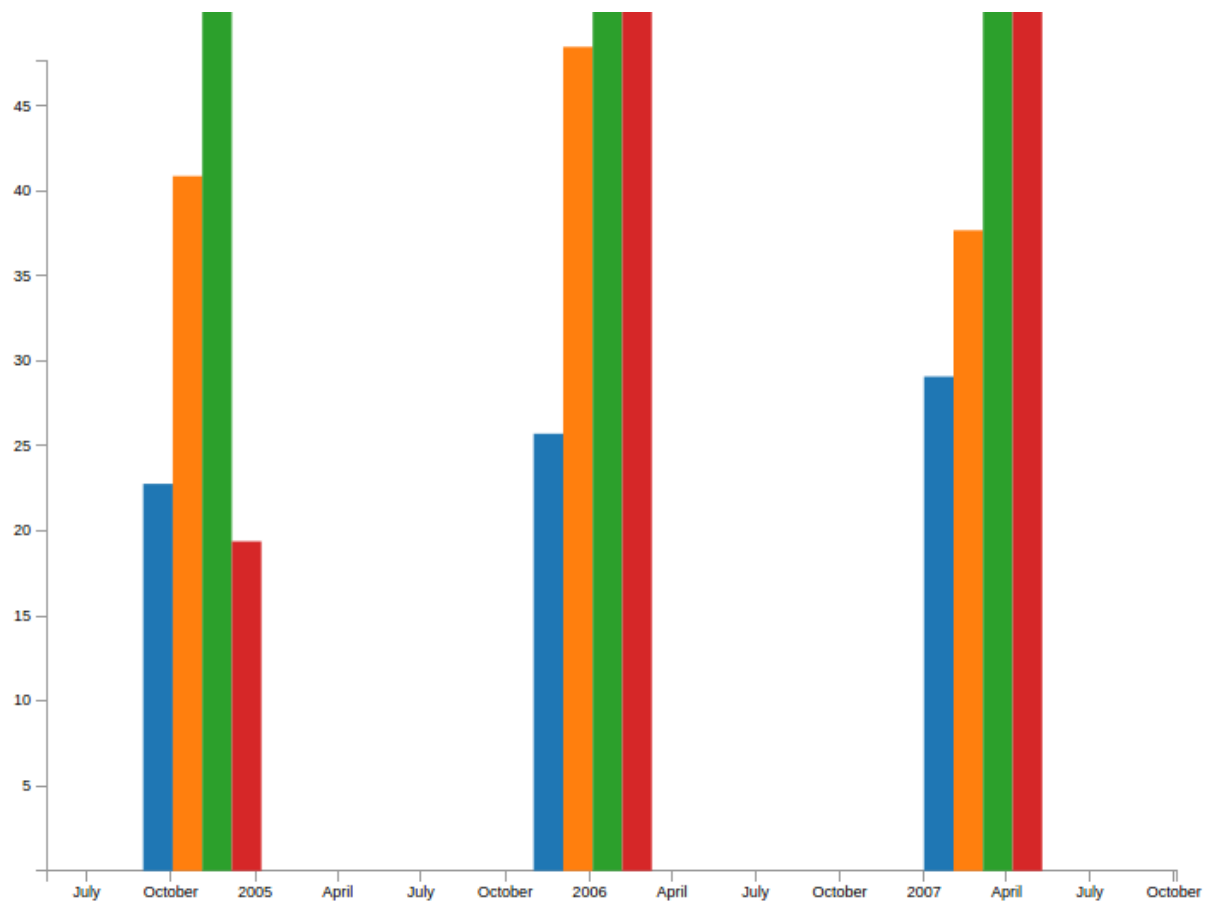




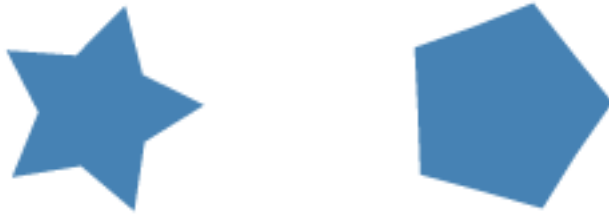








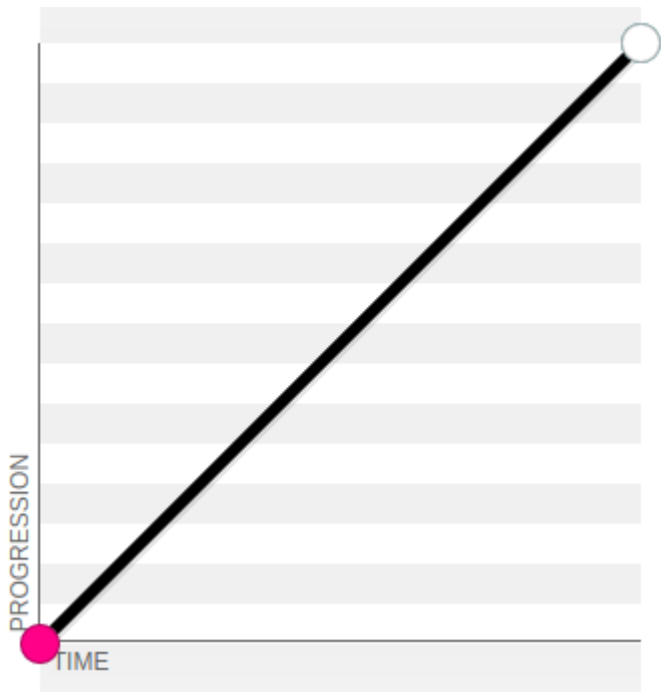
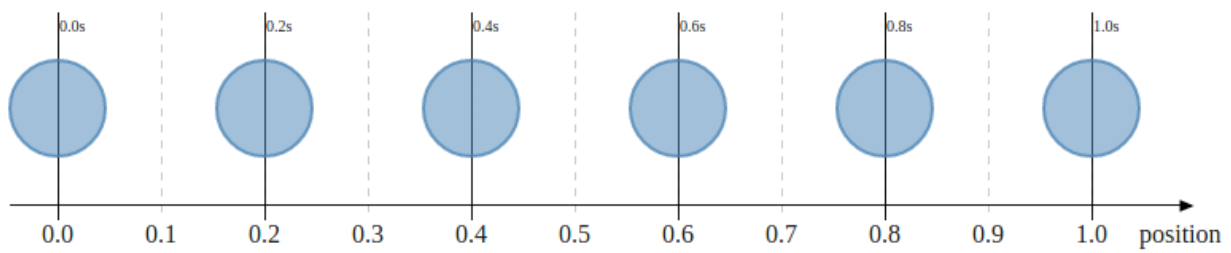
Chapter 6: Designing Transitions and Animations

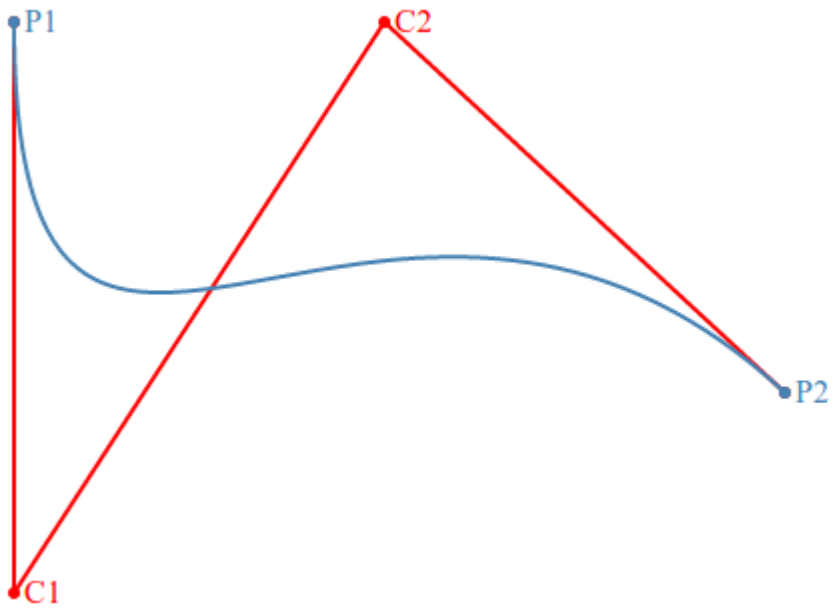
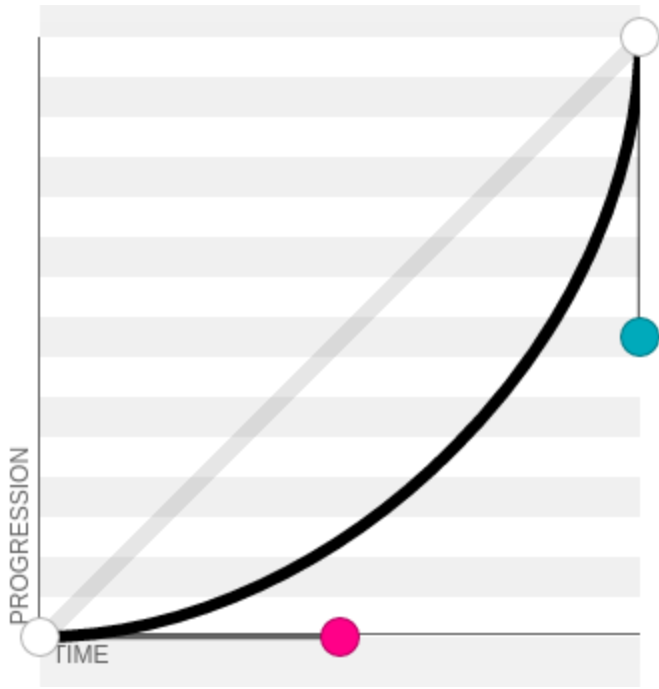


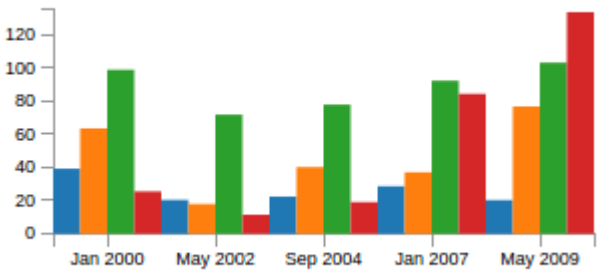
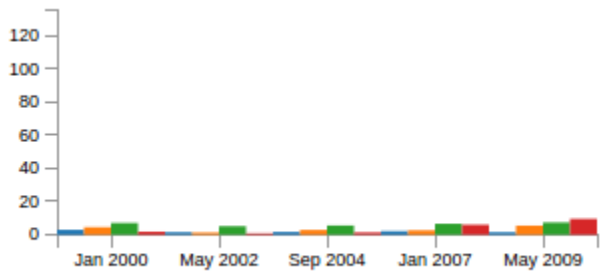
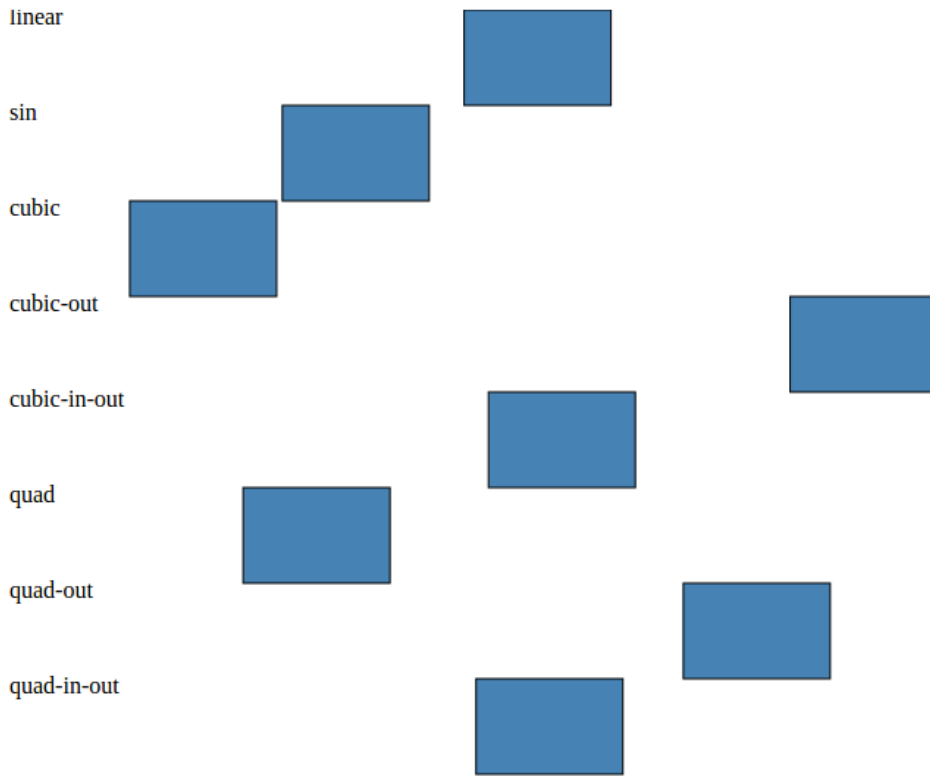
IE	Edge *	Firefox	Chrome	Safari	Opera	iOS Safari *	Opera Mini*	Android Browser *	Chrome for Android
			43					4.1	
8			44					4.3	
9		41	² 45					4.4	
10	12	42	² 46	8	² 33	8.4		4.4.4	
11	13	43	² 47	9	² 34	9.2	8	46	47
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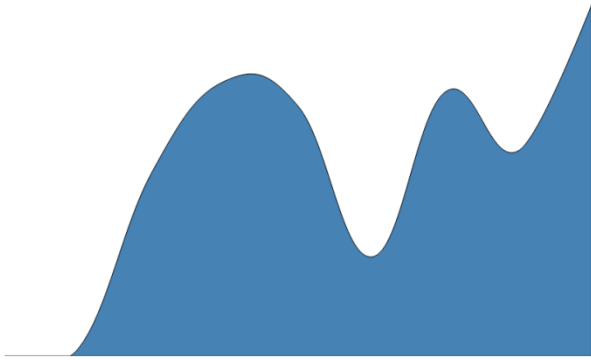
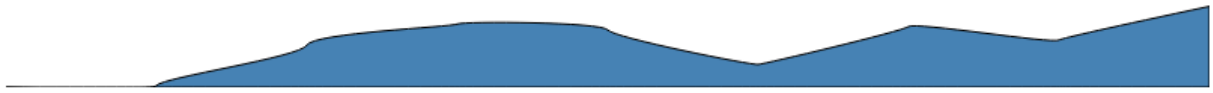
IE	Edge *	Firefox	Chrome	Safari	Opera	iOS Safari *	Opera Mini*	Android Browser *	Chrome for Android
			43					4.1 ⁺	
8			44					4.3 ⁺	
9		41	45					4.4 ⁺	
10	12	42	46	8 ⁺	33	8.4 ⁺		4.4.4 ⁺	
11	13	43	47	9	34	9.2	8	46	47
	14	44	48		35				
		45	49		36				
		46	50						

IE	Edge *	Firefox	Chrome	Safari	Opera	iOS Safari *	Opera Mini *	Android Browser *	Chrome for Android
			2 43					4.1	
8			2 44					4.3	
9		3 41	2 45					4.4	
10	12	3 42	2 46	8	2 33	8.4		4.4.4	
11	13	3 43	2 47	9	2 34	9.2	8	1 46	1 47
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		3 45	2 49		2 36				
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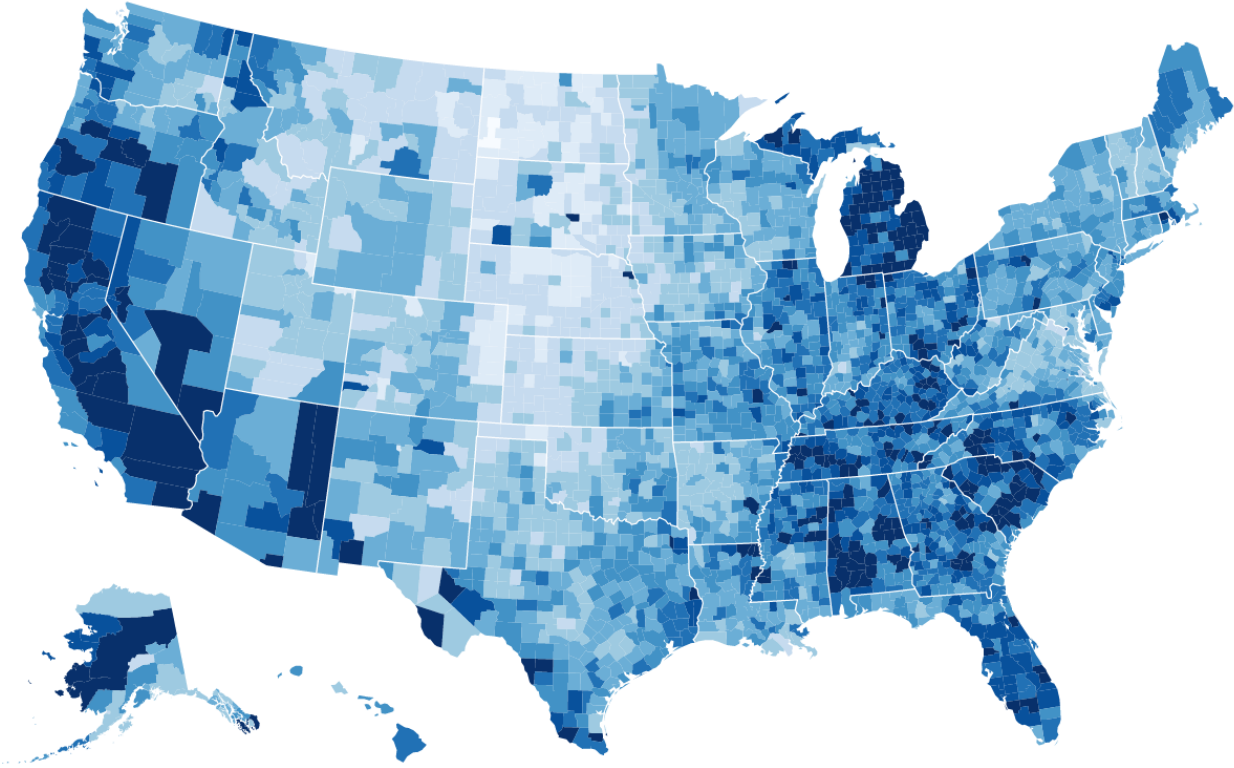




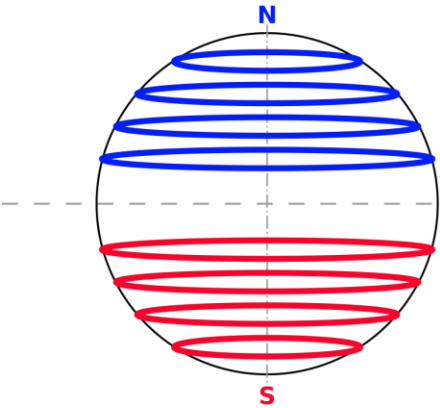




Chapter 7: Creating Maps and Cartographic Visualizations Using GeoJSON

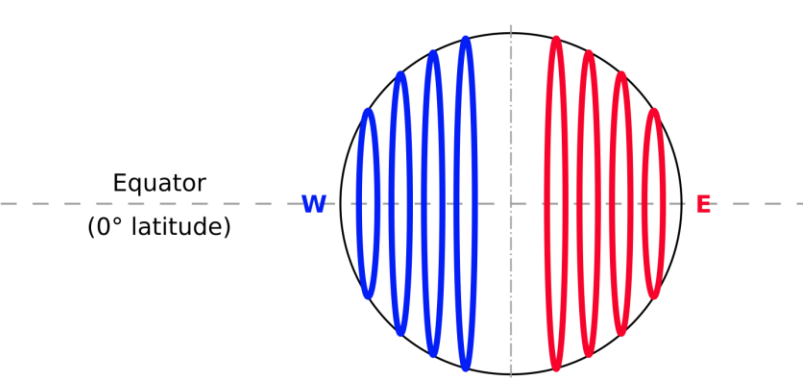


Latitude
(90°N - 0° - 90°S)

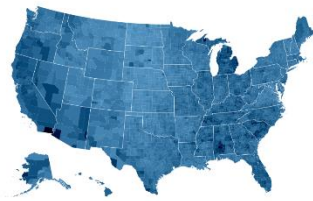
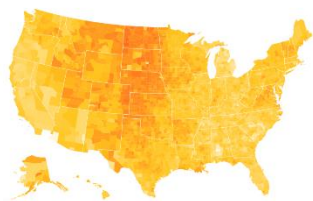
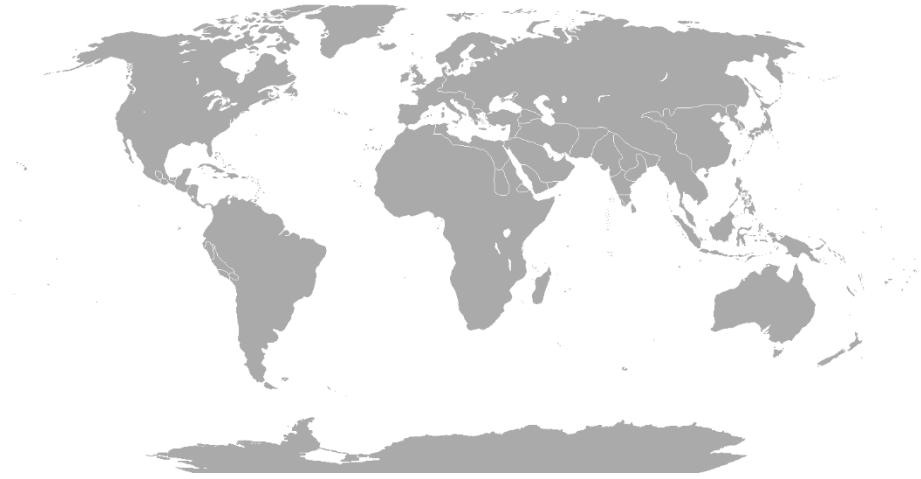


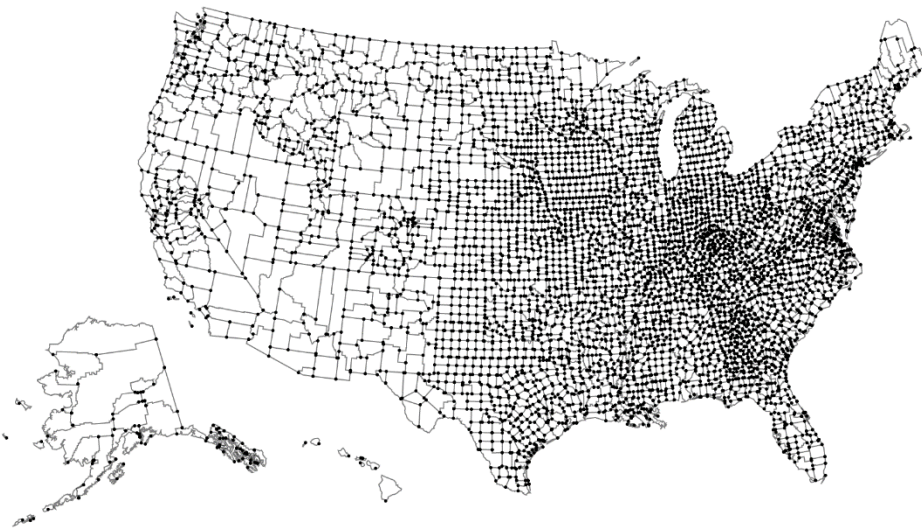
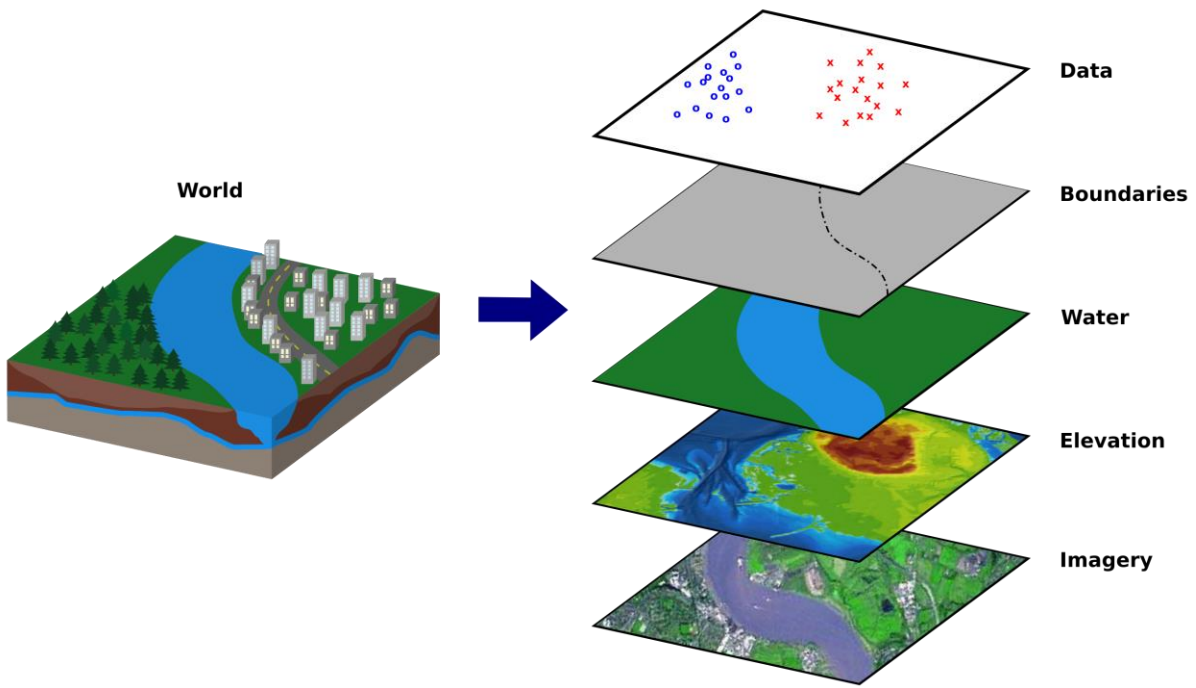
Prime Meridian
(0° longitude)

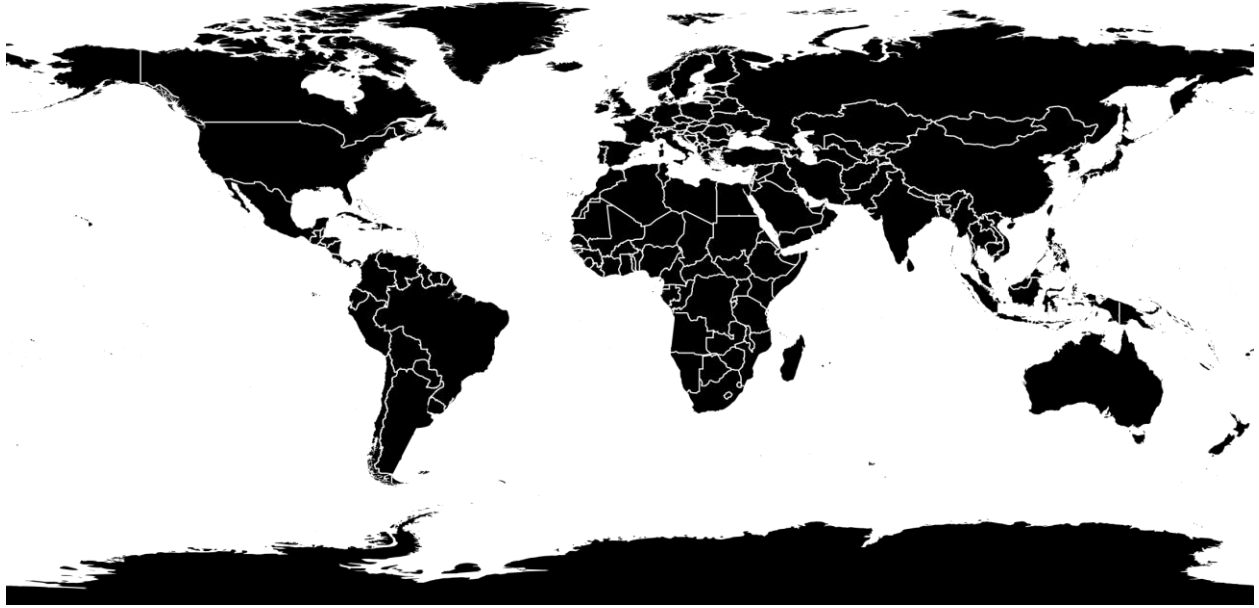
Longitude
(180°W - 0° - 180°E)



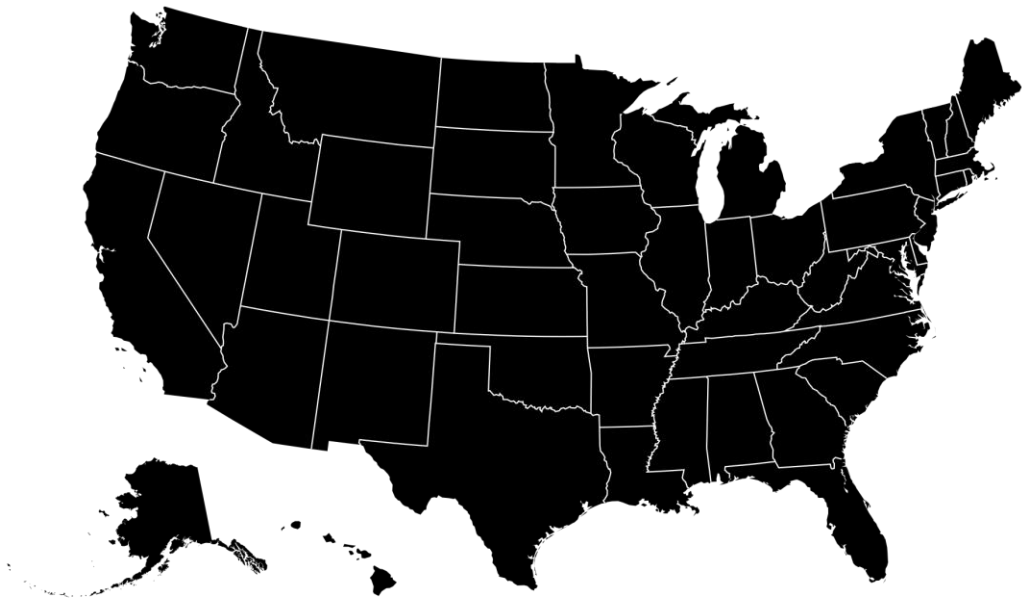
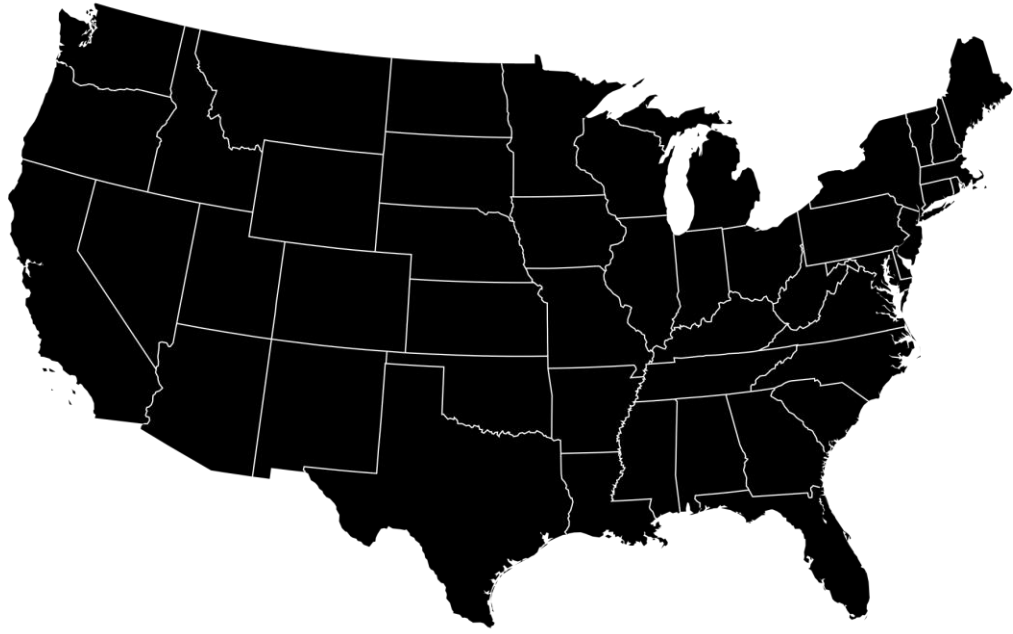
Prime Meridian
(0° longitude)





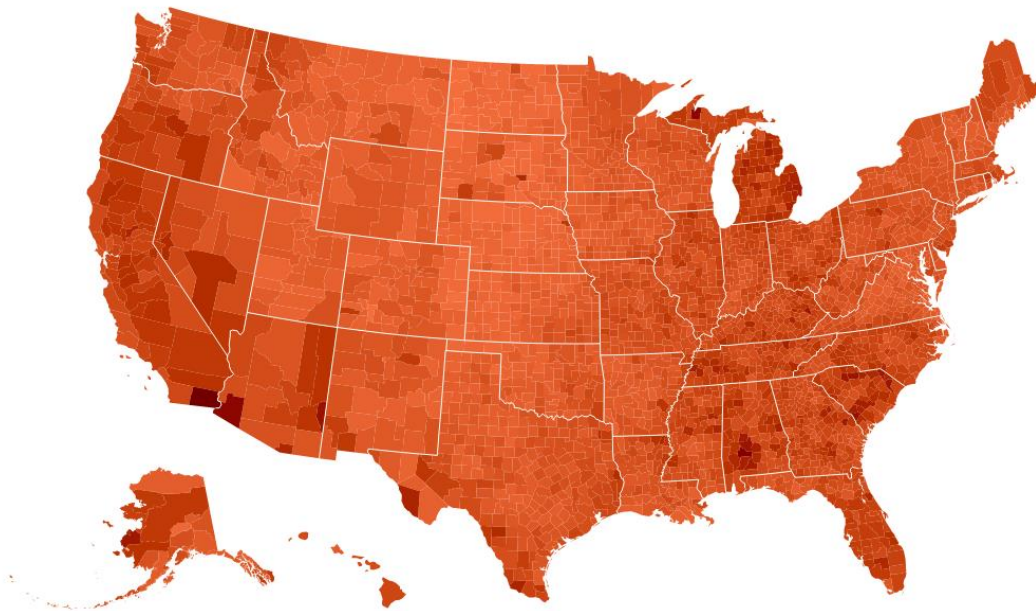
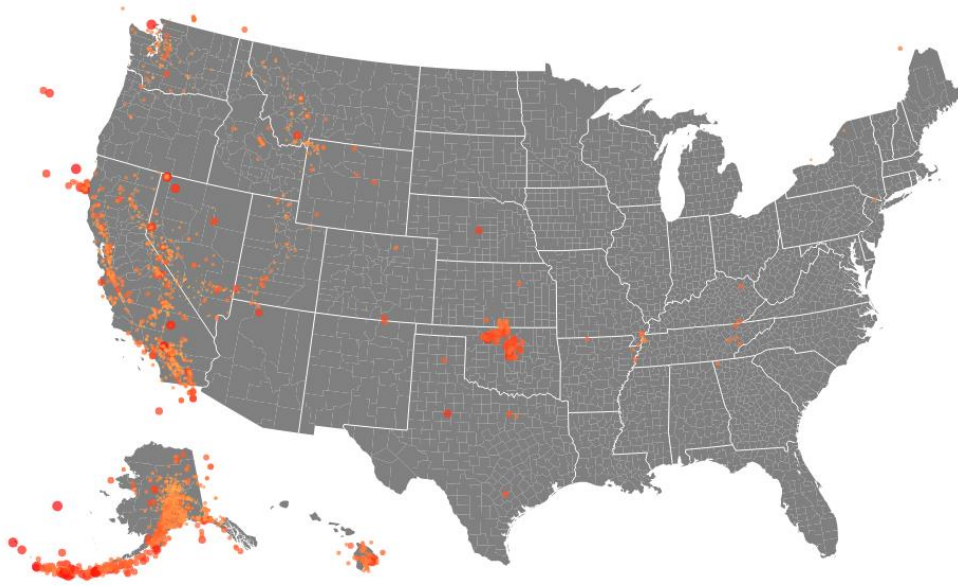




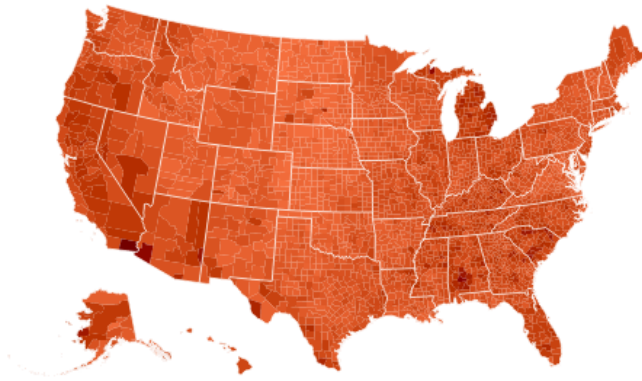






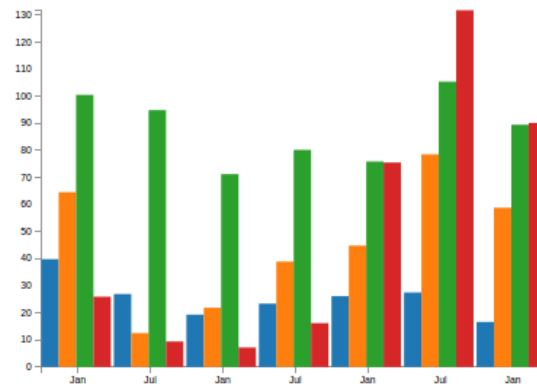
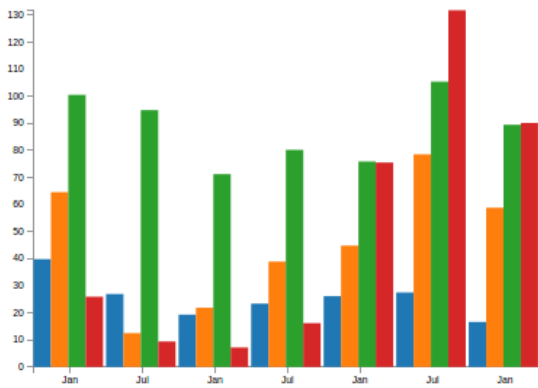
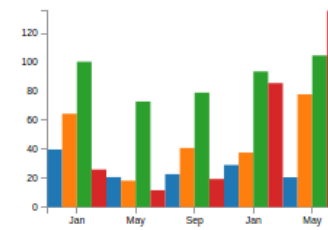
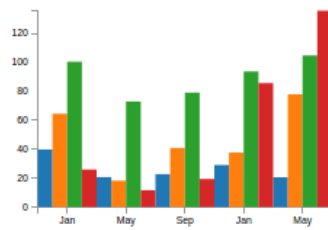
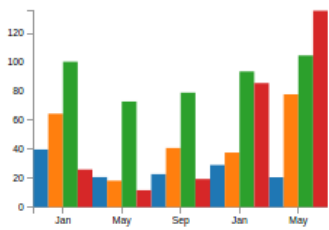


Chapter 8: Testing Responsive Visualizations



My Dashboard

This is a simple dashboard






```
Elements Console Sources Network » | ⋮ ✕
<!DOCTYPE html>
<html>
  ▶ #shadow-root (open)
  ▶ <head>...</head>
  ...▼ <body>
    ▶ <script type="text/javascript" id="__bs_script__">...</script>
      <script async src="/browser-sync/browser-sync-
        client.2.11.1.js"></script>
    ▶ <div class="container">...</div>
      <script>
        barchart('.barchart');
        choropleth('.choropleth');
      </script>
    ▶ <div id="window-resizer-tooltip">...</div>
  </body>
</html>
```

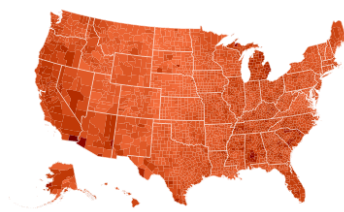
html body

localhost:3000/B05166_08_Dashboard.html

Discrete Event S... Mobile Work Embedded Web Uni Programming Design SVG Crowbar EPFL Français - Deu Startup Musik D3

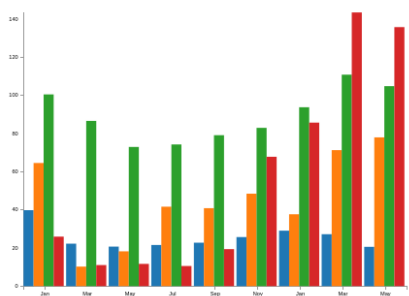
Device Apple iPad Portrait Network No throttling

Screen 768 x 1024 2 Zoom to fit UA Mozilla/5.0 (iPad; CPU OS 7_0 ...)

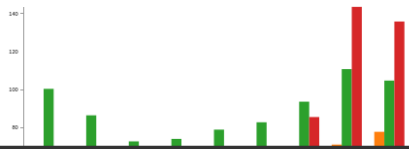


My Dashboard

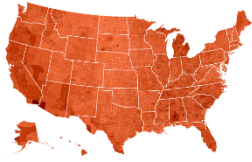
This is a simple dashboard



Month	Blue	Orange	Green	Red
Jan	40	65	100	25
Feb	20	15	85	15
Mar	25	10	70	15
Apr	20	40	70	15
May	25	40	80	20
Jun	25	40	90	85
Jul	25	35	95	90
Aug	25	70	105	140
Sep	20	75	105	135
Oct	25	80	105	135
Nov	25	85	105	135
Dec	25	85	105	135

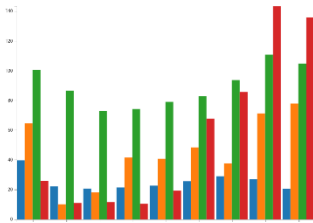
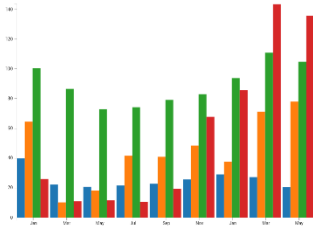


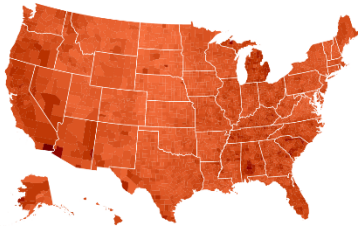
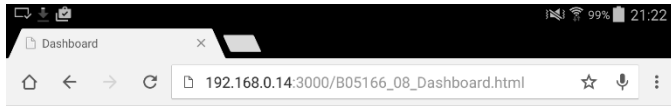
Month	Green	Red
Jan	100	100
Feb	60	60
Mar	40	40
Apr	30	30
May	40	40
Jun	90	90
Jul	110	110
Aug	130	130
Sep	110	110
Oct	100	100
Nov	100	100
Dec	100	100



My Dashboard

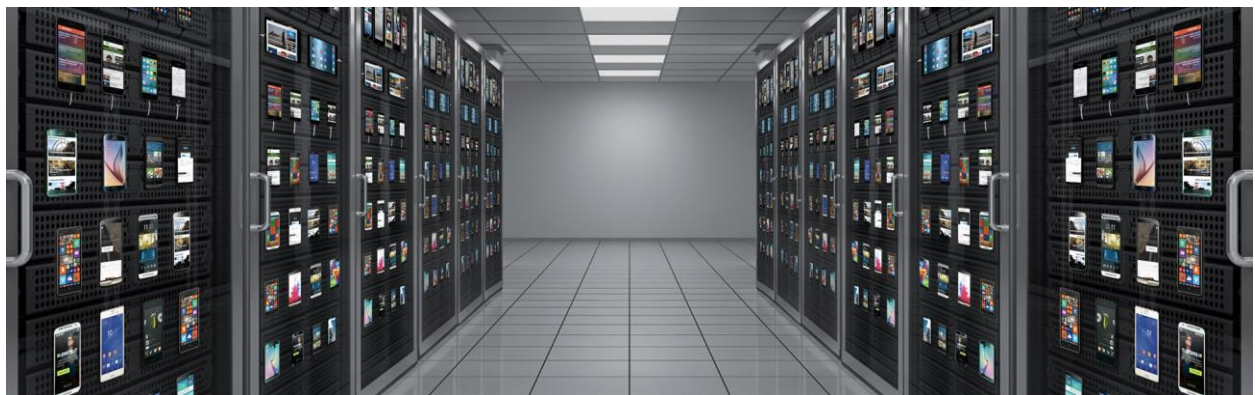
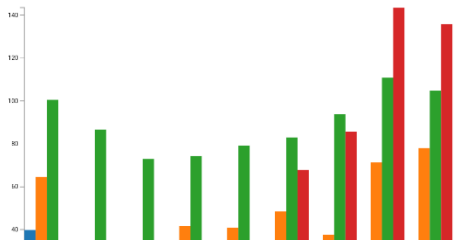
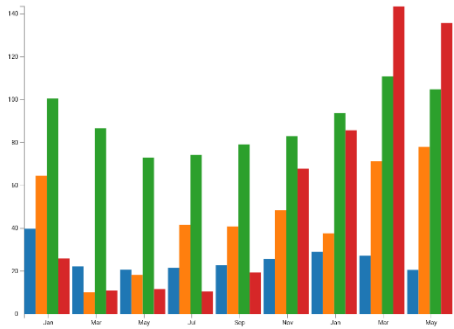
This is a simple dashboard





My Dashboard

This is a simple dashboard



Browser address bar: https://www.browserstack.com/start#os=OS+X&os_version=Mave

Browser tabs: Discrete Event S, Mobile, Work, Embedded, Web, Uni, Programming, Design

Browser menu: Safari, File, Edit, View, History, Bookmarks, Develop, Window, Help

Page title: Dashboard

Page URL: localhost:3000/B05166_08_Dashboard.html

Page navigation: Apple, iCloud, Facebook, Twitter, Wikipedia, Yahoo, News, Popular

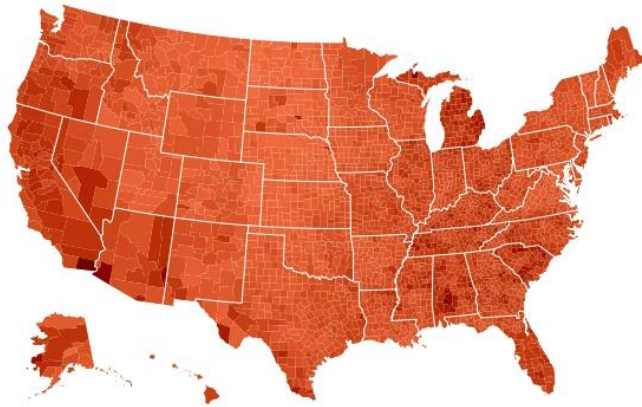
SWITCH

1052 x 883

Icons: Camera, Document, Settings, Help

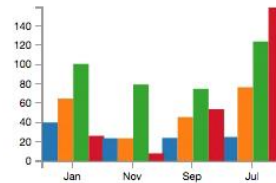
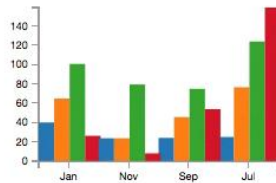
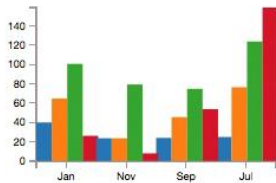
FEATURES

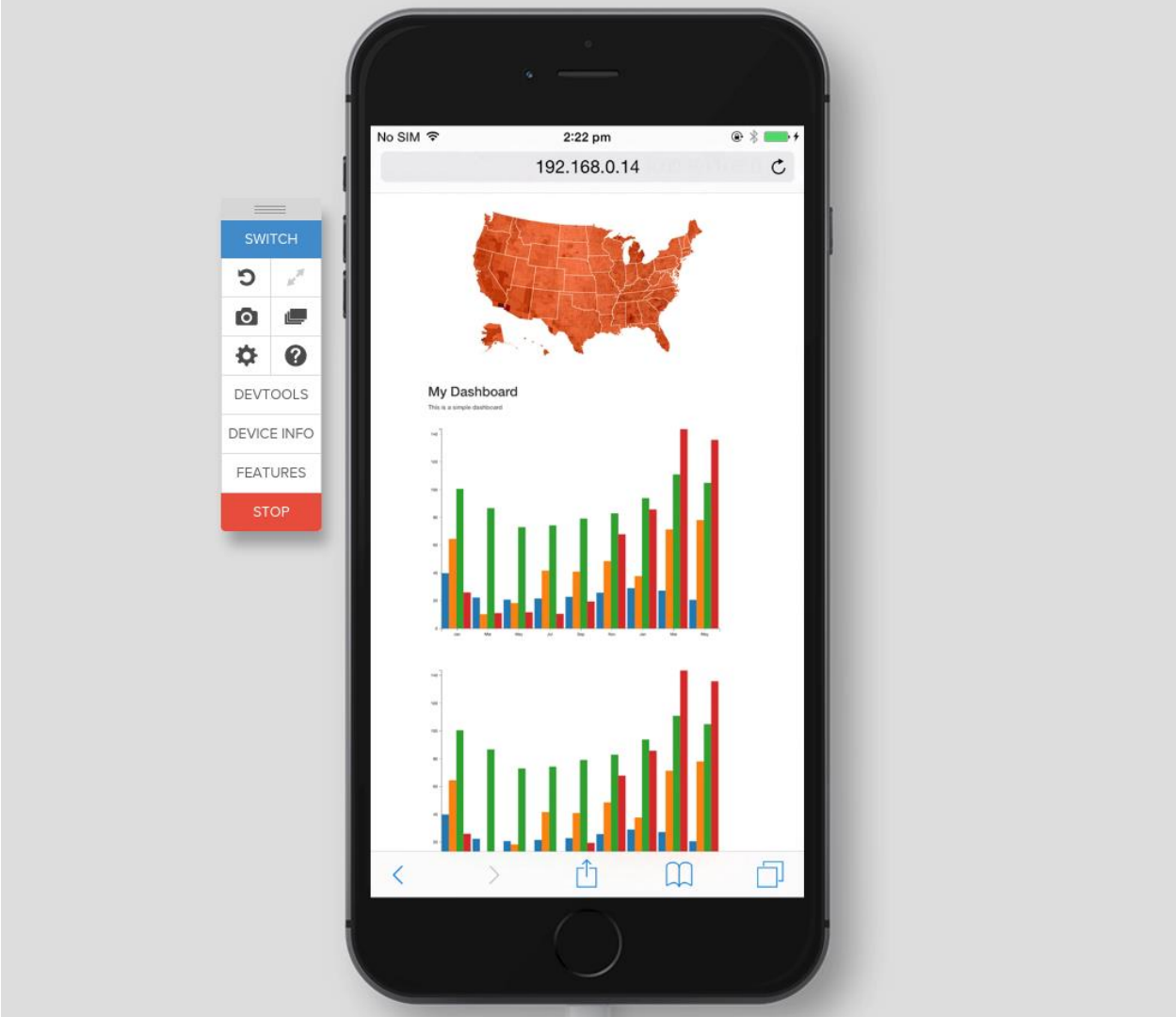
STOP



My Dashboard

This is a simple dashboard





```

cckoerner@cckoerner-ThinkPad-W550s: ~/Dropbox/not-private/Projekte/Responsive Data Visualizations with Bootstrap and D3.js/chapter08/
chapter08/code$ karma init karma.conf.js

Which testing framework do you want to use ?
Press tab to list possible options. Enter to move to the next question.
> mocha

Do you want to use Require.js ?
This will add Require.js plugin.
Press tab to list possible options. Enter to move to the next question.
> yes

Do you want to capture any browsers automatically ?
Press tab to list possible options. Enter empty string to move to the next question.
> PhantomJS

What is the location of your source and test files ?
You can use glob patterns, eg. "js/*.js" or "test/**/*.spec.js".
Enter empty string to move to the next question.
> *.js

Should any of the files included by the previous patterns be excluded ?
You can use glob patterns, eg. "**/*.swp".
Enter empty string to move to the next question.
>

Do you wanna generate a bootstrap file for RequireJS?
This will generate test-main.js/coffee that configures RequireJS and starts the tests.
> yes

Do you want Karma to watch all the files and run the tests on change ?
Press tab to list possible options.
> yes

RequireJS bootstrap file generated at "/home/cckoerner/Dropbox/not-private/Projekte/Responsive Data Visualizations with Bootstrap and D3.js/chapter08/code/test-main.js".

Config file generated at "/home/cckoerner/Dropbox/not-private/Projekte/Responsive Data Visualizations with Bootstrap and D3.js/chapter08/code/karma.conf.js".

cckoerner@cckoerner-ThinkPad-W550s:~/Dropbox/not-private/Projekte/Responsive Data Visualizations with Bootstrap and D3.js/chapter08/code$

```

```

cckoerner@cckoerner-ThinkPad-W550s: ~/Dropbox/not-private/Projekte/Responsive Data Visualizations with Bootstrap and D3.js/chapter08/
chapter08/code$ karma start
25 01 2016 00:10:05.486:WARN [karma]: No captured browser, open http://localhost:9876/
25 01 2016 00:10:05.495:INFO [karma]: Karma v0.13.19 server started at http://localhost:9876/
25 01 2016 00:10:05.500:INFO [launcher]: Starting browser PhantomJS
25 01 2016 00:10:06.290:INFO [PhantomJS 1.9.8 (Linux 0.0.0)]: Connected on socket /#6jpsD0uFplXgkSi3AAAA with id 47789576
PhantomJS 1.9.8 (Linux 0.0.0): Executed 0 of 0 ERROR (0.001 secs / 0 secs)

```

```


cckoerner@cckoerner-ThinkPad-W550s: ~/Dropbox/not-private/Projekte/Responsive Data Visualizations with Bootstrap and D3.js/chapter08/
chapter08/code$ karma start
25 01 2016 00:38:51.176:WARN [karma]: No captured browser, open http://localhost:9876/
25 01 2016 00:38:51.185:INFO [karma]: Karma v0.13.19 server started at http://localhost:9876/
25 01 2016 00:38:51.191:INFO [launcher]: Starting browser PhantomJS
25 01 2016 00:38:52.191:INFO [PhantomJS 1.9.8 (Linux 0.0.0)]: Connected on socket /#_JX9485G8n1Lih2AAAA with id 55138062
PhantomJS 1.9.8 (Linux 0.0.0): Executed 1 of 1 SUCCESS (0.003 secs / 0.001 secs)

```

```
cjoerner@cjoerner-ThinkPad-W550s: ~/Dropbox/not-private/Projekte/Responsive Data Visualizations with Bootstrap and D3.js/chapter08
cjoerner@cjoerner-ThinkPad-W550s:~/Dropbox/not-private/Projekte/Responsive Data Visualizations with Bootstrap and D3.js/
chapter08/code$ webdriver-manager start
seleniumProcess.pid: 21361
01:08:05.260 INFO - Launching a standalone Selenium Server
Setting system property webdriver.chrome.driver to /usr/local/lib/node_modules/protractor/selenium/chromedriver
01:08:05.301 INFO - Java: Oracle Corporation 24.91-b01
01:08:05.302 INFO - OS: Linux 4.2.0-23-generic amd64
01:08:05.316 INFO - v2.48.0, with Core v2.48.0. Built from revision 41bccdd
01:08:05.394 INFO - Driver provider org.openqa.selenium.ie.InternetExplorerDriver registration is skipped:
registration capabilities Capabilities [{platform=WINDOWS, ensureCleanSession=true, browserName=Internet explorer, versi
on=}] does not match the current platform LINUX
01:08:05.394 INFO - Driver provider org.openqa.selenium.edge.EdgeDriver registration is skipped:
registration capabilities Capabilities [{platform=WINDOWS, browserName=MicrosoftEdge, version=}] does not match the curr
ent platform LINUX
01:08:05.395 INFO - Driver class not found: com.opera.core.systems.OperaDriver
01:08:05.395 INFO - Driver provider com.opera.core.systems.OperaDriver is not registered
01:08:05.487 INFO - RemoteWebDriver instances should connect to: http://127.0.0.1:4444/wd/hub
01:08:05.487 INFO - Selenium Server is up and running
```

```
cjoerner@cjoerner-ThinkPad-W550s: ~/Dropbox/not-private/Projekte/Responsive Data Visualizations with Bootstrap and D3.js/chapter08
cjoerner@cjoerner-ThinkPad-W550s:~/Dropbox/not-private/Projekte/R... x | cjoerner@cjoerner-ThinkPad-W550s:~/Dropbox/not-private/Projekte/R... x
cjoerner@cjoerner-ThinkPad-W550s:~/Dropbox/not-private/Projekte/Responsive Data Visualizations with Bootstrap and D3.js/
chapter08/code$ protractor protractor.conf.js
Using the selenium server at http://localhost:4444/wd/hub
[launcher] Running 1 instances of WebDriver
Started
.
1 spec, 0 failures
Finished in 1.565 seconds
[launcher] 0 instance(s) of WebDriver still running
[launcher] chrome #1 passed
cjoerner@cjoerner-ThinkPad-W550s:~/Dropbox/not-private/Projekte/Responsive Data Visualizations with Bootstrap and D3.js/
chapter08/code$ |
```


Chapter 9: Solving Cross-Browser Issues



	DOWNLOAD	DOCUMENTATION	NEWS
Type a browser feature			BUILD

0 checked
1.52 kB / 756 B gzipped

Options

- Modernizr_domPrefixes
- Modernizr_prefixes
- Modernizr.addTest()
- Modernizr.atRule()
- Modernizr.hasEvent()
- Modernizr.mq()
- Modernizr.prefixed()
- Modernizr.prefixedCSS()
- Modernizr.prefixedCSSValue()
- Modernizr.testAllProps()
- Modernizr.testProp()
- Modernizr.testStyles()

html5printshiv

html5shiv

minify

Add CSS classes

... with prefix

<input type="checkbox"/> Ambient Light Eve...	<input type="checkbox"/> Application Cache	<input type="checkbox"/> HTML5 Audio Ele...
<input type="checkbox"/> Battery API	<input type="checkbox"/> Blob constructor	<input type="checkbox"/> Canvas
<input type="checkbox"/> Canvas text	<input type="checkbox"/> Content Editable	<input type="checkbox"/> Context menus
<input type="checkbox"/> Cookies	<input type="checkbox"/> Cross-Origin Reso...	<input type="checkbox"/> Web Cryptography
<input type="checkbox"/> Custom protocol ...	<input type="checkbox"/> CustomEvent	<input type="checkbox"/> Dart
<input type="checkbox"/> DataView	<input type="checkbox"/> Emoji	<input type="checkbox"/> Event Listener
<input type="checkbox"/> EXIF Orientation	<input type="checkbox"/> Flash	<input type="checkbox"/> Force Touch Events
<input type="checkbox"/> Fullscreen API	<input type="checkbox"/> GamePad API	<input type="checkbox"/> Geolocation API
<input type="checkbox"/> Hashchange event	<input type="checkbox"/> Hidden Scrollbar	<input type="checkbox"/> History API
<input type="checkbox"/> HTML Imports	<input type="checkbox"/> IE8 compat mode	<input type="checkbox"/> IndexedDB
<input type="checkbox"/> IndexedDB Blob	<input type="checkbox"/> Input attributes	<input type="checkbox"/> input[search] sear...
<input type="checkbox"/> Form input types	<input type="checkbox"/> Internationalizati...	<input type="checkbox"/> JSON
<input type="checkbox"/> Font Ligatures	<input type="checkbox"/> Reverse Ordered L...	<input type="checkbox"/> MathML

```

<!DOCTYPE html>
<html class=" canvas svg svgasimg svgclippaths svgfilters svgforeignobject inlinesvg smil">
  <head>...</head>
  <body>
    <script>...</script>
  </body>
</html>

```

IE	Edge *	Firefox	Chrome	Safari	Opera	iOS Safari *	Opera Mini *	Android Browser *	Chrome for Android
8			45					4.3	
9			46					4.4	
10		43	47			8.4		4.4.4	
11	13	44	48	9	34	9.2	8	47	47
	14	45	49	9.1	35	9.3			
		46	50		36				
		47	51						

IE	Edge *	Firefox	Chrome	Safari	Opera	iOS Safari *	Opera Mini *	Android Browser *	Chrome for Android
8			45					4.3	
9			46					4.4	
10		43	47			8.4		4.4.4	
11	13	44	48	9	34	9.2	8	47	47
	14	45	49	9.1	35	9.3			
		46	50		36				
		47	51						

Respond.js Test Suite ■ noglobals ■ notrycatch

Hide passed tests

Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, like Gecko) Ubuntu Chromium/48.0.2564.82 Chrome/48.0.2564.82 Safari/537.36

Tests completed in 9040 milliseconds.
62 tests of 62 passed, 0 failed.

1. Styles not nested in media queries apply as expected (0, 1, 1) [Rerun](#)
2. styles within min-width media queries apply properly (0, 1, 1) [Rerun](#)
3. styles within max-width media queries apply properly (0, 1, 1) [Rerun](#)
4. min and max-width media queries that use EM units apply properly (0, 1, 1) [Rerun](#)
5. styles within a min-width media query with an "only" keyword apply properly (0, 1, 1) [Rerun](#)
6. styles within a media query with a one true query among other false queries apply properly (0, 1, 1) [Rerun](#)
7. Styles within a false media query do not apply (0, 1, 1) [Rerun](#)
8. stylesheets with a media query in a media attribute apply when they should (0, 1, 1) [Rerun](#)
9. stylesheets with an EM-based media query in a media attribute apply when they should (0, 1, 1) [Rerun](#)
10. Test keyframe animation inside of media query (0, 1, 1) [Rerun](#)
11. Test comments inside of a media query (0, 3, 3) [Rerun](#)
12. Issue #242 overly aggressive keyframes regex (0, 3, 3) [Rerun](#)
13. Test spaces around min-width/max-width (0, 8, 8) [Rerun](#)
14. Issue #161: spaces around inside min-width/max-width (0, 2, 2) [Rerun](#)
15. Issue #181: non-min-width and non-max-width queries (0, 24, 24) [Rerun](#)
16. Issue #181: unsupported MQ tests (0, 11, 11) [Rerun](#)
17. Issue #181: full MQ with DPR (0, 1, 1) [Rerun](#)



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Star 2,767

Fork me on GitHub

Awesome Media Queries in JavaScript

Version 2 now released! Find out [what's new](#).

The Lowdown

What is it?

enquire.js is a **lightweight, pure JavaScript library for responding to CSS media queries.**

- JavaScript callbacks for media queries *matching and unmatching*.
- *Clean & intuitive API*
- Absolutely *tiny* - around 0.8kb minified & gzipped!

Why should I use it?

In responsive design, CSS media queries can only take you so far. enquire.js allows you to harness media queries in JavaScript, giving you the tools to create advanced responsive sites.

Dependencies?

None! *Not even jQuery.*

The *most* you will need to do is provide a `matchMedia` polyfill if you wish to **support old/incapable browsers**.

IE	Edge *	Firefox	Chrome	Safari	Opera	iOS Safari *	Opera Mini *	Android Browser *	Chrome for Android
8			2 45					4.3	
9			2 46					4.4	
10		43	2 47			8.4		4.4.4	
11	13	44	2 48	9	2 34	9.2	8	47	47
	14	45	2 49	9.1	2 35	9.3			
		46	2 50		2 36				
		47	2 51						

IE	Edge *	Firefox	Chrome	Safari	Opera	iOS Safari *	Opera Mini *	Android Browser *	Chrome for Android
8			1 45					4.3	
9			46					4.4	
10		43	47			8.4		4.4.4	
11	13	44	48	9	34	9.2	8	47	47
	14	45	49	9.1	35	9.3			
		46	50		36				
		47	51						

IE	Edge *	Firefox	Chrome	Safari	Opera	iOS Safari *	Opera Mini *	Android Browser *	Chrome for Android
8			45					4.3	
9			46					4.4	
10		43	47			8.4		4.4.4	
11	13	44	48	9	34	9.2	8	47	47
	14	45	49	9.1	35	9.3			
		46	50		36				
		47	51						

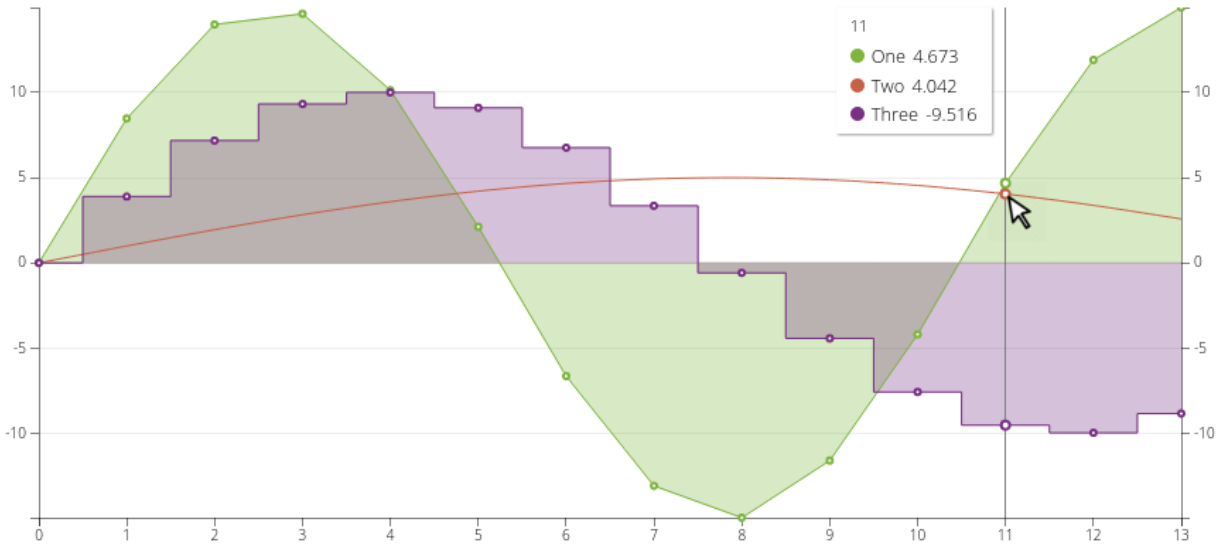
IE	Edge *	Firefox	Chrome	Safari	Opera	iOS Safari *	Opera Mini *	Android Browser *	Chrome for Android
8			45					4.3	
9			46					4.4	
10		43	47			8.4		4.4.4	
11	13	44	48	9	34	9.2	8	47	47
	14	45	49	9.1	35	9.3			
		46	50		36				
		47	51						

IE	Edge *	Firefox	Chrome	Safari	Opera	iOS Safari *	Opera Mini *	Android Browser *	Chrome for Android
8			45					4.3	
9			46					4.4	
10		43	47			8.4		4.4.4	
11	13	44	48	9	34	9.2	8	47	47
	14	45	49	9.1	35	9.3			
		46	50		36				
		47	51						

The screenshot shows a web browser developer tool interface. On the left, a simulated iPad device is displayed in landscape orientation with a screen resolution of 1024 x 768. The 'Network' tab is active, showing a 'Configure throttling' link. On the right, the 'Console' tab is open, displaying a log of touch events:

```

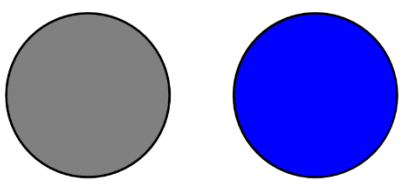
<top frame>
  Touch started      805166.09_d3_touch.html:35
  98 Touch moving    805166.09_d3_touch.html:43
  Touch ending      805166.09_d3_touch.html:48
  Touch started     805166.09_d3_touch.html:35
  79 Touch moving    805166.09_d3_touch.html:43
  
```

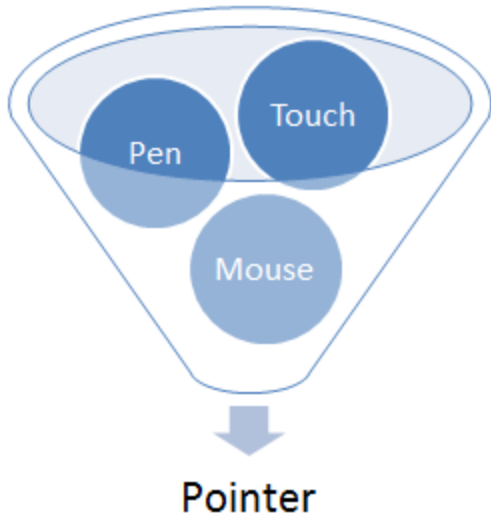


■ One
 ■ Two
 ■ Three

18:52 🔍 📶 🔋

192.168.1.77:8080/B05166_09_hover_focus.html 7 ⋮





IE	Edge *	Firefox	Chrome	Safari	Opera	iOS Safari *	Opera Mini *	Android Browser *	Chrome for Android
8			45					4.3	
9			46					4.4	
10		43	47			8.4		4.4.4	
11	13	44	48	9	34	9.2	8	47	47
	14	45	49	9.1	35	9.3			
		46	50		36				
		47	51						

IE	Edge *	Firefox	Chrome	Safari	Opera	iOS Safari *	Opera Mini *	Android Browser *	Chrome for Android
8			45					4.3	
9			46					4.4	
10		43	47			8.4		4.4.4	
11	13	44	48	9	34	9.2	8	47	47
	14	45	49	9.1	35	9.3			
		46	50		36				
		47	51						

22:10



192.168.1.77:8080/B05166_09_pointer_events.html

