

See Zhi Qian

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Section: C2

Data Visualization

Use this link for GitHub <https://github.com/JeffreySZQ/COS30045>

Lab 1.1

Main

Lab 1.1

Lab 1.2

Lab 1.3

Pets and the Pandemic

Author of Interesting Article

A report from Animal Medicines Australia (AMA) has found that many Australians took the opportunity to introduce a pet into their household during the pandemic. Their survey indicated that there was a significant increase in the percent of households taking in a new dog, fish or bird. Their research also indicated that pets had a number of positive influences on their lives such as:

- companionship
- better mental health
- joy and happiness.

Pet type	Household penetration (%)		Total owner households ('000)		Animals per household (average)		Total pets ('000)	
	2019	2021	2019	2021	2019	2021	2019	2021
Dogs	40	47 ↑	3,848.2	4,644.6	1.3	1.4	5,104.7	6,344.3
Cats	27	30	2,602.4	3,030.7	1.4	1.6	3,766.6	4,903.3
Fish	11	13 ↑	1,096.8	1,314.5	10.7	8.5	11,331.7	11,386.5
Birds	9	14 ↑	867.9	1,384.0	6.4	3.9	5,569.4	5,448.4
Small mammals	3	5	257.8	498.9	2.4	3.0	614.5	1,502.0

Elements

Console

Sources

Network

Performance

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⚙

✕

```
<!DOCTYPE html>
<html lang="en">
  <head>
  </head>
  <body>
    <div class="button-container">
      <a href="#" class="button-64" role="button"></a>
      <a href="#" class="button-64" role="button"></a>
      <a href="#" class="button-64" role="button"></a>
      <a href="#" class="button-64" role="button"></a>
      <a href="#" class="button-64" role="button"></a>
      <a href="#" class="button-64" role="button"></a>
    </div>
    <div class="container">
      <h1>Pets and the Pandemic</h1>
      <h2>Author of Interesting Article</h2>
      <p></p>
      <ul>
      </ul>
      
      <figcaption></figcaption>
      <p></p>
    </div>
    <footer>COS30045 Data Visualisation</footer>
  </body>
<!-- Code injected by live-server -->
<script>
  // <![CDATA[ ... For SVG support
  if ("WebSocket" in window) {
    (function () {
      function refreshCSS() {
        var sheets =
        [].slice.call(document.getElementsByTagName("link"));
        var head = document.getElementsByTagName("head")[0];
        for (var i = 0; i < sheets.length; ++i) {
          var elem = sheets[i];
          var parent = elem.parentElement || head;
          parent.removeChild(elem);
          var rel = elem.rel;
          if (elem.href && typeof rel != "string" || rel.length
        }
      }
    })();
  }
  // ...
</script>
</body>
</html>
```

html body div.button-container

Styles

Computed

Layout

Accessibility

Event Listeners

DOM Breakpoints

>>

Console

What's new

Lab 1.2

Main

Lab 1.1

Lab 1.2

Lab 1.3

Pets and the Pandemic

Author of Interesting Article

A report from Animal Medicines Australia (AMA) has found that many Australians took the opportunity to introduce a pet into their household during the pandemic. Their survey indicated that there was a significant increase in the percent of households taking in a new dog, fish or bird. Their research also indicated that pets had a number of positive influences on their lives such as:

- companionship
- better mental health
- joy and happiness.

2019

2021

Both

With the increase in pet ownership, the AMA is encouraging policy makers to consider the needs of companion animals and their owners when considering rental, strata and body corporate regulations, as well as accepting animals in public places and transport.

Elements Console Sources Network Performance >> ⚙

<!DOCTYPE html>
<html lang="en">
 <head>
 </head>
 <body>
 <div class="button-container">
 <div class="container">
 <footer>COS30045 Data Visualisation</footer>
 </div>
 </body>
 </html>

html body div.button-container

Styles Computed Layout Accessibility Event Listeners DOM Breakpoints Properties

✓ Ancestors All Framework listeners

No event listeners

Console What's new X

Highlights from the Chrome 128 update

Console insights are live in Europe
This version brings support of Console insights by Gemini to Europe.

Enhanced network track in the Performance panel

Lab 1.3


Main

Lab 1.1

Lab 1.2

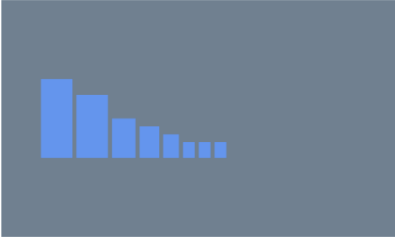
Lab 1.3

Drawing Shapes with SVG




Drawing Shapes with SVG

Pet ownership in 2019



Pet ownership reversed from low to high



Elements Console Sources Network Performance >> ⚙

<!DOCTYPE html>
<html lang="en">
 <head>
 </head>
 <body>
 <div class="button-container">

 </div>
 <h1>Drawing Shapes with SVG</h1>
 <!-- SVG canvas with background color -->
 <svg width="500" height="60" style="background-color: slategray;">
 </svg>

 <h1>Drawing Shapes with SVG</h1>
 <p>Pet ownership in 2019</p>
 <!-- Original bar chart -->
 <svg width="500" height="300" style="background-color: slategray;">
 </svg>

 <p>Pet ownership reversed from low to high</p>
 <!-- Duplicated and reversed bar chart -->
 <svg width="500" height="300" style="background-color: slategray;">
 </svg>

html body div.button-container

Styles Computed Layout Accessibility Event Listeners DOM Breakpoints Properties

✓ Ancestors All Framework listeners

Console What's new X

Highlights from the Chrome 128 update

Console insights are live in Europe
This version brings support of Console insights by Gemini to Europe.

Enhanced network track in the Performance panel

Lab 2.1



The D3 Journey starts here...

Warning: NAME watched 14 cat videos today.

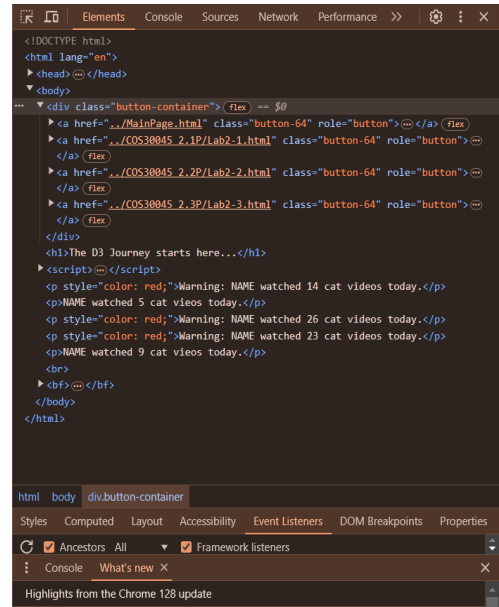
NAME watched 5 cat vieos today.

Warning: NAME watched 26 cat videos today.

Warning: NAME watched 23 cat videos today.

NAME watched 9 cat vieos today.

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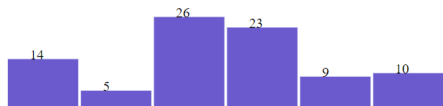


Lab 2.2

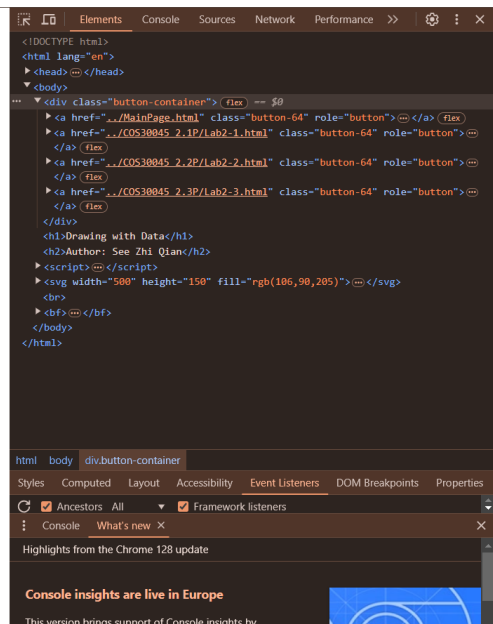


Drawing with Data

Author: See Zhi Qian



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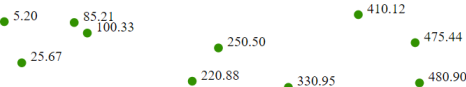


Lab 2.3

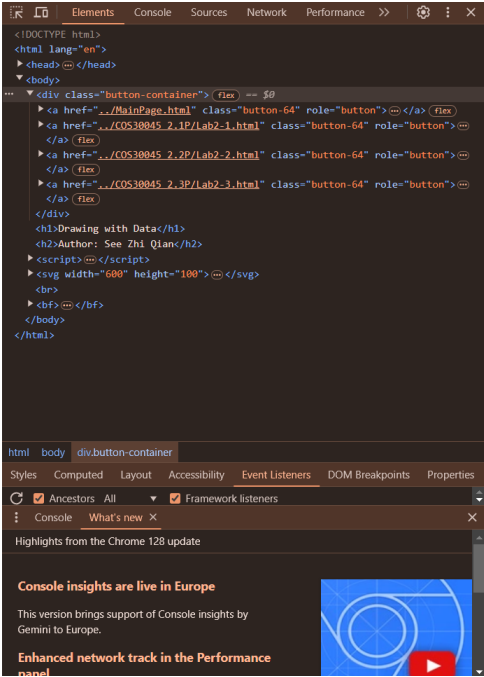
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- Lab 2.3

Drawing with Data

Author: See Zhi Qian



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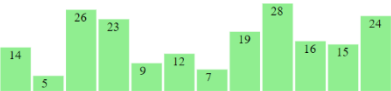


Lab 2.4

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- Lab 2.2
- Lab 2.3
- Lab 2.4

Drawing with Data

Author: See Zhi Qian



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