

Swinburne University of Technology*School of Science, Computing and Engineering Technologies***ASSIGNMENT COVER SHEET**

Subject Code: COS30045
Subject Title: Data Visualization
Assignment number and title: Lab 1.1
Due date: Sunday, September 29, 2024, 20:59
Lecturer: Mr. Vu Ngoc Binh

Your name: ____Do Duy Hung____

Your student ID: __104182779__

1.1.html

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta name="description" content="Data Visualization Exercise 1">
  <meta name="keywords" content="HTML, CSS">
  <meta name="author" content="Do Duy Hung">

  <title>Task 1.1 HTML and CSS Demo Page</title>
  <!--Insert description of exercise -->

  <style>
    /* General page styling */
    body {
      font-family: Arial, sans-serif;
      line-height: 1.6;
      margin: 0;
      padding: 0;
      background-color: #f4f4f4;
      color: #333;
    }

    /* Header styles */
    h1 {
      background-color: #4CAF50;
      color: white;
      padding: 20px;
```

```
        text-align: center;
    }

    h2 {
        text-align: center;
        color: #4CAF50;
        margin-bottom: 10px;
    }

    /* Paragraph styling */
    p {
        padding: 0 20px;
        margin: 20px 0;
        text-align: justify;
    }

    /* List styling */
    ul {
        margin: 20px;
        padding: 0 40px;
        list-style-type: square;
    }

    li {
        margin-bottom: 10px;
    }

    /* Image and figure styling */
    figure {
        text-align: center;
        margin: 30px 0;
    }

    img {
        border: 2px solid #ddd;
        border-radius: 8px;
    }

    figcaption {
        font-size: 0.9em;
        color: #666;
    }

    /* Footer styling */
    footer {
        background-color: #333;
        color: white;
        text-align: center;
        padding: 10px 0;
        position: fixed;
        width: 100%;
        bottom: 0;
        left: 0;
    }
</style>
```

```

</head>

<body>

    <h1>Title of Article about Interesting Visualisation</h1>
    <h2>Author of Interesting Article</h2>

    <p>Sed ut perspiciatis unde omnis iste natus error sit voluptatem
accusantium doloremque laudantium, totam rem
    aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto
    beatae vitae dicta sunt explicabo. Nemo enim ipsam voluptatem quia
voluptas sit aspernatur aut odit aut fugit,
    sed quia consequuntur magni dolores eos qui ratione voluptatem sequi
nesciunt.
    Neque porro quisquam est, qui dolorem ipsum quia dolor sit amet,
consectetur, adipisci velit, sed quia non
    numquam eius modi tempora incidunt ut labore et dolore magnam aliquam
quaerat
    voluptatem.</p>

    <ul>
        <li>Lorem ipsum dolor sit.</li>
        <li>Nulla facilisi. Curabitur scelerisque.</li>
        <li>Donec ac tristique ipsum.</li>
        <li>Pellentesque vitae nulla.</li>
    </ul>

    <figure>
        
        <figcaption>Fig 1. Comparison of Pet Ownership in 2019 and 2021. Data
Source: <a
                href="https://animalmedicinesaustralia.org.au/report/"
rel="noopener" target="_blank"><i>Animal
                Medicines Australia Report</i></a></figcaption>
    </figure>

    <p>Ut enim ad minima veniam, quis nostrum exercitationem ullam corporis
suscipit laboriosam, nisi ut aliquid ex ea
    commodi consequatur? Quis autem vel eum iure reprehenderit qui in ea
voluptate velit esse quam nihil molestiae
    consequatur, vel illum qui dolorem eum fugiat quo voluptas nulla
pariatur?</p>

    <footer>COS30045 Data Visualization</footer>

</body>

</html>

```

Output

Software TestingAdvanced WDData PrinciplesData VisualLabDrawWAIESTechTheDat:TaoChillingMath and Physics fullDNS Storage

127.0.0.1:5500/lab1/1.1/HTML%20Starter%20Template.html

Title of Article about Interesting Visualisation

Author of Interesting Article

Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta sunt explicabo. Nemo enim ipsam voluptatem quia voluptas sit aspernatur aut odit aut fugit, sed quia consequuntur magni dolores eos qui ratione voluptatem sequi nesciunt. Neque porro quisquam est, qui dolorem ipsum quia dolor sit amet, consectetur, adipisci velit, sed quia non numquam eius modi tempora incidunt ut labore et dolore magnam aliquam quaerat voluptatem.

- Lorem ipsum dolor sit.
- Nulla facilisi. Curabitur scelerisque.
- Donec ac tristique ipsum.
- Pellentesque vitae nulla.

| 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 | 1,056.8 | 1,314.5 | 10.7 | 9.5 | 11,333.7 | 11,105.5 |

COS30045 Data Visualisation

3:41 PM9/23/2024