Activity 1: Data visualisation

Your Name

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Task 1: Visualising a Small Dataset

1.1 Find a Small Dataset

<This can be from an online source or a dataset you create manually. Describe the dataset briefly.>

1.2 Load the Dataset

<Use R to load your dataset into a data frame. Show the code you used. You may use functions such as `head()` or `glimpse`(from `dplyr`) to display the data frame>

```
# Your R code to load (and display) the dataset
```

1.3 Visualisation

<Create a visualisation of the dataset. Consider the type of data and what you wish to convey.>

```
# Your R code for the visualisation
```

1.4 Explanation

<Explain why you chose the type of plot, what it aims to show, and what insights it provides about the dataset's context.>

Task 2: Visualising a Large Dataset

2.1 Find a Large Dataset

<Look for a large dataset available online. Describe the dataset and its source.>

2.2 Load the Dataset

<Use R to load your dataset into a data frame. Show the code you used. You may use functions such as `head()` or `glimpse`(from `dplyr`) to display the data frame>

```
# Your R code to load (and display) the dataset
```

2.3 Visualisation

<Create a visualisation that highlights key aspects of the dataset.>

```
# Your R code for the visualisation
```

2.4 Explanation

<Discuss your choice of visualisation, its relevance, and the insights it offers about the dataset.>

```
# Your written explanation
```

Conclusion (optional)

<Reflect on the process of visualising these two datasets. Discuss any challenges you faced and how you overcame them. Consider how the size of a dataset can influence the approach to data visualisation.>

References (optional)

<Include any references to data sources or other materials you used in this activity.>