Task 2.4 – Temporal Visualisations

Mnguni Zulu

19.10.2023

Link: <https://public.tableau.com/app/profile/mnguni.zulu/viz/Task2_4InfluenzaDeaths-LineChart/InfluenzaDeaths-LineClimate?publish=yes>

1. A graph of different colored lines

   Description automatically generatedWith Geographic State as Category
2. Grouping States by Climatic Zones (voluntary)

* I did this because the above chart is very crowded.

A graph of different colored lines

Description automatically generated[Ref: <https://www.ncei.noaa.gov/access/monitoring/reference-maps/us-climate-regions>]

2. A screenshot of a graph

   Description automatically generatedWith Seasonality
3. Without Seasonality

A screenshot of a graph

Description automatically generated

2. A screenshot of a graph

   Description automatically generatedWith Geographic State as Category
3. A graph of a graph

   Description automatically generated with medium confidenceBy Climatic Region (voluntary)
4. **Visualisation Checklist**

|  |  |  |
| --- | --- | --- |
| Criteria | Requirement | Answer |
| Text | The title and text are very descriptive, and the format of presentation conveys the essence of the visualisation. | Yes |
| There are text labels. | Yes |
| There is no redundant text. | Yes |
| There are legends which describe the colours used and the abbreviations fully. | Yes |
| Colour | The colour scheme communicates the type of wine and corresponds well to its actual colour. | Yes |
| The colours are arranged in a meaningful way, which doesn´t create confusion but aids in the conveying of information. | Yes |
| The information can be ordered as more or less important, and depending on the interest of the viewer, it would be easy to identify information important to the viewer. | Yes |
| The use of colour sufficiently communicates any spectrums which exist. | Yes |
| Other | Key identifier is communicated first. | Yes |
| The colour of the line immediately tells of the positioning relative to the spectrum of values. | Yes |
| There is enough white space so that the visualisation is not cluttered. | Yes |
| The labels are strongly contrasted, and the shading may be sufficient for colour-blind stakeholders to understand what is being communicated. | Yes |