COVID 19 – Socio-Economic Factors in the UK

Thomas Fishwick

**Abstract**—Put here a brief summary of your work: analysis task, data, approach, main findings. Length: up to 200 words.

# Problem Statement

Here we will be looking at the COVID-19 statistics and comparing the spread of the virus in different areas and using the last census data to try to understand the various factors behind the spread of the virus.

To solve this problem, we have the COVID 19 case, death and Vaccine rates by UK region [1]. The ONS estimated age breakdown by region (as of August 2021). COVID 19 cases by age and region. A portion of the 2011 Census data showing the shared/unshared dwellings, number of cars, long term health and household deprivation.

# State of the Art

First paragraph...

Following paragraphs...

*<500 words*

# Properties of the Data

First paragraph...

Following paragraphs...

*<500 words, <=2 images*

# Analysis

## Approach

First paragraph...

Following paragraphs...

*<500 words, 1 diagram*

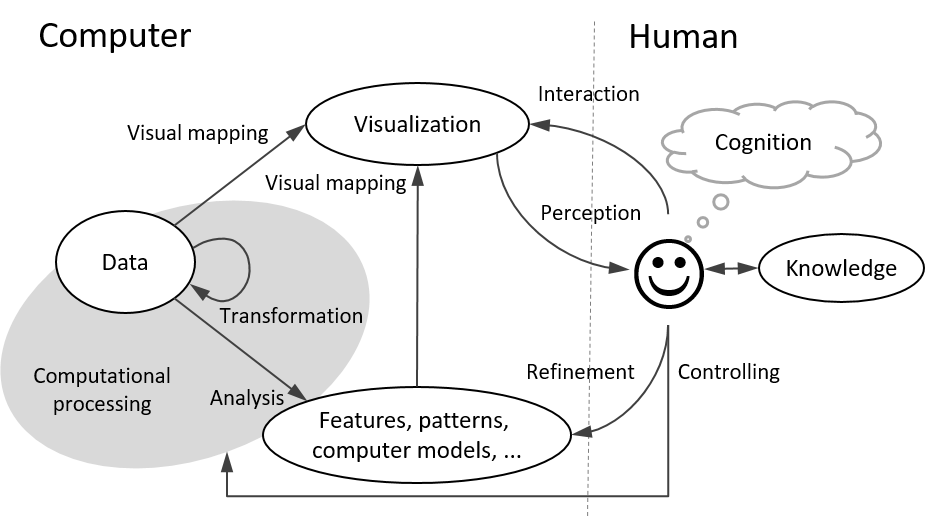


Fig. 1. An example of including a diagram in the document.

## Process

First paragraph...

Following paragraphs...

*<1500 words, <=7 images*

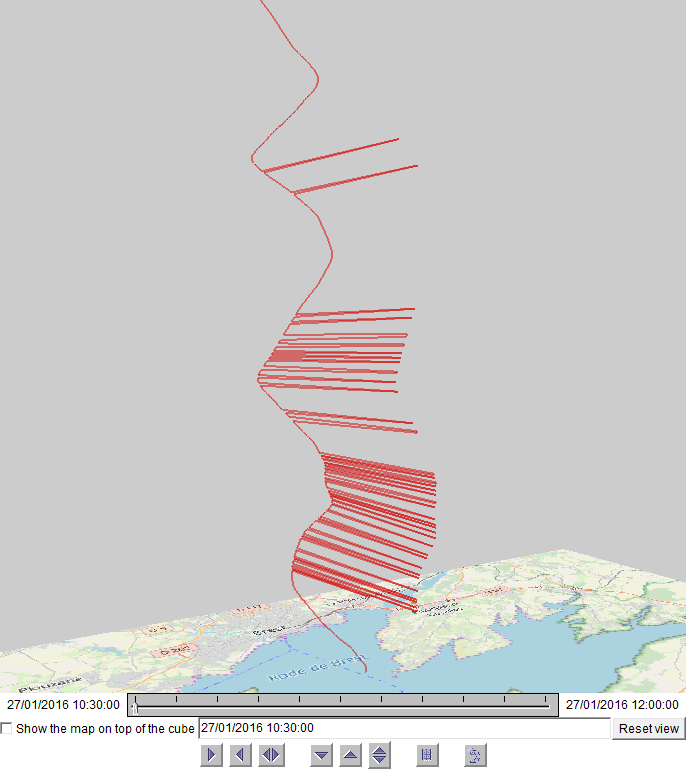


Fig. 2. An example of including a screenshot in the document.

## Results

First paragraph...

Following paragraphs...

*<200 words, <=2 images*

# Critical reflection

First paragraph...

Following paragraphs...

*<500 words*

Table of word counts

|  |  |
| --- | --- |
| Problem statement | 250 |
| State of the art | 500 |
| Properties of the data | 500 |
| Analysis: Approach | 500 |
| Analysis: Process | 1500 |
| Analysis: Results | 200 |
| Critical reflection | 500 |

References

The list below provides examples of formatting references.

1. Office for National Statistics; National Records of Scotland; Northern Ireland Statistics and Research Agency (2017): 2011 Census aggregate data. UK Data Service (Edition: February 2017). DOI: http://dx.doi.org/10.5257/census/aggregate-2011-2