

**Postgraduate Certificate in Software Design with Artificial Intelligence**

**Data Visualisation - (AL\_KSAIG\_9\_1)**

**Final Assignment – Covid-19 Visualisation**

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**Git Repository:**

<https://github.com/DanielsHappyWorks/data-vis-fianl-covid-19-sk>

**Visualisation Dashboard:**

<https://danielshappyworks.github.io/data-vis-fianl-covid-19-sk/>

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# Declaration

I declare that this report was composed by myself, that the work contained

herein is my own except where explicitly stated otherwise in the text, and that

this work has not been submitted for any other degree or processional

qualification except as specified.

# Introduction

My work

My Country

Covid-19 pandemic information

Use websites such as the ECDC or WHO to source relevant temporal and

geospatial data relating to the Covid-19 pandemic.

• Write a report detailing the spread of the infection over time for the allocated

country, its position in its continent, and its position globally. This “position” should

consider:

absolutes such as death rates, infecftion rates, recovery rates, etc.

• ◦ relatives such as whether our conuntry is ahead or behind the curve with respect

• to its neighbours and globally, whether the country has “flattened the curve”, etc.

• Your report should contain justifications for your visualisation(s) and should clearly

• state what conclusions you have drawn.

• Your report should try to make predictions about the length of the pandemic based

• on the available evidence from the visualisations.

# Data

Sources

Whats Contained in the Data

Dates when data was sources 13th April

Data – a section on where the data was sourced, what it contains, the dates between which the analysis was done, etc

# Software

All done via written SW

Link to Dashboard -> tooltips

Tech Stack

Software – if bespoke software is written to visualise the data for this report, then it should be mentioned here. Links to websites for dashboards (if created) or interactive visualisations (if created) should also be provided here. Otherwise, just list (in a manner similar to a tech stack) what software was used to visualise the data.

# Temporal Analysis

a look at how the pandemic evolved over time with respect to your country, its continent, and the world.

## Global

### Overall Statistics

### Map

### Per Continent

### Conclusions

## Assigned Country: South Korea

### Overall Statistics

### Daily Data

### Cumulative Data

# Geospatial Analysis

a look at how (for given semial dates chosen and justified by you) the Covid-19 pandemic has impacted at country, continent, and global levels

## Global

### Overall Statistics

### Map

### Per Continent

### Conclusions

## Assigned Country: South Korea

### Overall Statistics

### Daily Data

### Cumulative Data

# Conclusions

wrap up your analysis and visualisation. Draw conclusions and

make predictions, etc

# References

where the work of others is cited, paraphrased, quoted, etc. it is necessary to include a list of references. Use Vancouver style and refernce the document on the Moodle site on Vancouver referencing.