Unit A – Project Proposal

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Title: COVID-19 Mortality Rates in Regions of the UK and Public Health Measures

Aim:

* To compare the COVID mortality rates by local authority to common public health outcome measures like obesity, smoking and activity level, chronic disease burden and economic measures

Data Sources – all publicly available data:

* Office for National Statistics
* Public Health England
* NHS Digital

Attributes:

1. Local Authority districts of the UK (379)
2. COVID-19 infection rates / 100 000
3. COVID-19 death rate / 100 000
4. Obesity rate / 100 000
5. Smoking rate / 100 000
6. Activity level / 100 000
7. Hypertension / 100 000
8. Depression / 100 000
9. GDP pp
10. Economically inactive rate / 100 000

Anticipated Problems:

* Incomplete data sets
* Different names for Local Authority districts
* Different units and measurements
* Unavailable data
* Inappropriate time frames, data is too old