

Coursework Description Sheet

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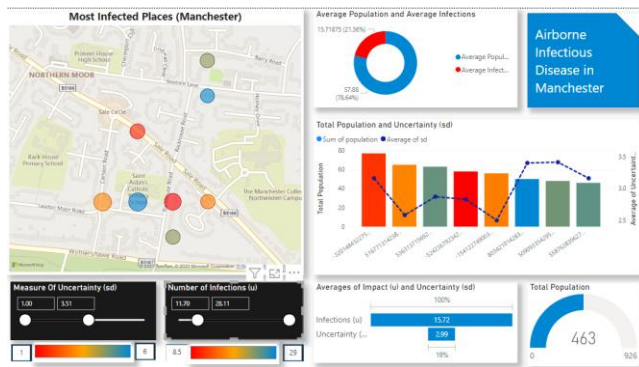
Please fill in the boxes to describe how you completed the task. The filled in table should be no more than three pages long. Add screenshots of your Power BI reports and references after the table.

Part One	Description of how your submission achieved this
How does the visualization allow decision makers to understand the overall situation?	The overall situation can be comprehended by utilizing Map, Title, line and stacked column charts. Utilizing a Donut chart can provide insights into the average population and average infection rates.
How does the visualization allow decision makers to decide which areas of the city to target first?	By employing two slicers, individuals in positions of decision-making can gain insights and make informed decision regarding which areas of the city should be prioritized for medical assistance. If the map displays bubbles with a larger size or a dark blue colour, these are the areas that should receive primary attention.
Use of visual channels consistent with data variables	The colour and size are employed as visual cues in the map and Donut chart, line and stacked column chart representing various data variables.
Use of graphic design principles	The colour employed in the map are replicated in the other visual charts to maintain a consistent visual rhythm, and colour coordination is consistently applied.
Use of colour	Primarily, this report employs two distinct colours to highlight the infection's impact, while other colours serve as the background colours of the charts. It's important to note that the chosen colours in this report are also perceptible to individuals with colour blindness.
Use of interaction	Slicers are incorporated into this report to facilitate interaction. When a decision maker adjusts the slicer values, it triggers automatic updates to population, uncertainty, and the average impact, creating an interactive experience.
Use of language and text	In the report, I used text and languages that can be understandable by everyone even if the decision maker is not from statistical or data science background.
Reliability of operation, fit on desktop screen.	The Power BI report is perfectly tailored to the desktop screen, and it also displays responsiveness.
Part Two	
Does the visualization allow an understandable overview of the situation?	Indeed, the visualization provides an overview of the situation through maps and the data points marked on them. The effectiveness of the visualization is attributed to the colours and sizes of the bubbles.
Effective visual representation of the data variations over multiple runs	Various maps are employed within this report to represent distinct data visualization originating from multiple files.

Screenshots

Please add a maximum of 3 screenshots per part displaying your Power BI reports.

Part 1:



Part 2:

