Credit Assignment 2 Guidelines

For Credit Assignment 2 (15%), you are to examine given graphical information and write a report, using only prose, to provide the required information. Your discourse entails the analysis of the actual findings as depicted in the tables and graphs; further, you are expected to apply sound critical thinking skills as you rationalize the decision that emerges out of the analysis of the findings. Specific guidelines follow the actual assignment below. Assignment particulars: Your final word count is approximately 450 – 500 words. Ensure you use Times New Roman, Font 12, double spaced. No late assignments or emailed assignments will be accepted unless accompanied by a medical certificate.

Guidelines
• Your response must be in continuous prose, that is, no bullet points, numbering, listing, graphs, tables or diagrams.
• It should be organized in paragraphs under appropriate descriptive headings.
• The information must be based only on the data presented here or from information given in the scenario (no further research is required).
• The paragraphs should be organized along the following path:
  1. An introductory paragraph contextualizing the scenario and your overall aim/intention.
       ▪ the purpose for the report being commissioned
       ▪ the scope of the report (Word count: approx.70)

  2. The body of the report should be logically organized in relatively short paragraphs. You need to determine the most effective way to organize the information logically, for example, information moving from the general to the specific or grouped according to themes. The information in these paragraphs is not subjective but based on the data. Descriptive secondary headings may be used to demarcate the information in the body paragraphs, based on the content/focus of your analysis. Your analysis of the data should culminate in a well-reasoned rationale for the conclusion arrived at and should help the decision makers to move forward in the reformation process. The conclusion must be based on objective information (the data). (Word Count approx. 380)

  3. A concluding paragraph should give a brief summary of the trends, findings and conclusions presented in the report (no detail or specifics but a general overview). This paragraph should generate a sense of closure without being argumentative. (Word count: 50)

Note Carefully: The decision on the best approach to organizing the information is left to you, but it must be evident that you have analyzed the data and are able to identify trends, comparisons and contrasts among the data, and are able to draw conclusions that are rational and supported by the data.

Assignment

Cases

The City of Chicago has compiled data on residents who have tested positive for the Covid-19 virus. A case is a Chicago resident who has a positive PCR or antigen test.

The bars in this graph show the number of cases who have tested positive per day based on the day that they were tested, called the specimen collection date.

The line is the average number of cases per day based on the past 7 days. Using an average smooths out the dips that occur when testing numbers decrease on the weekends.
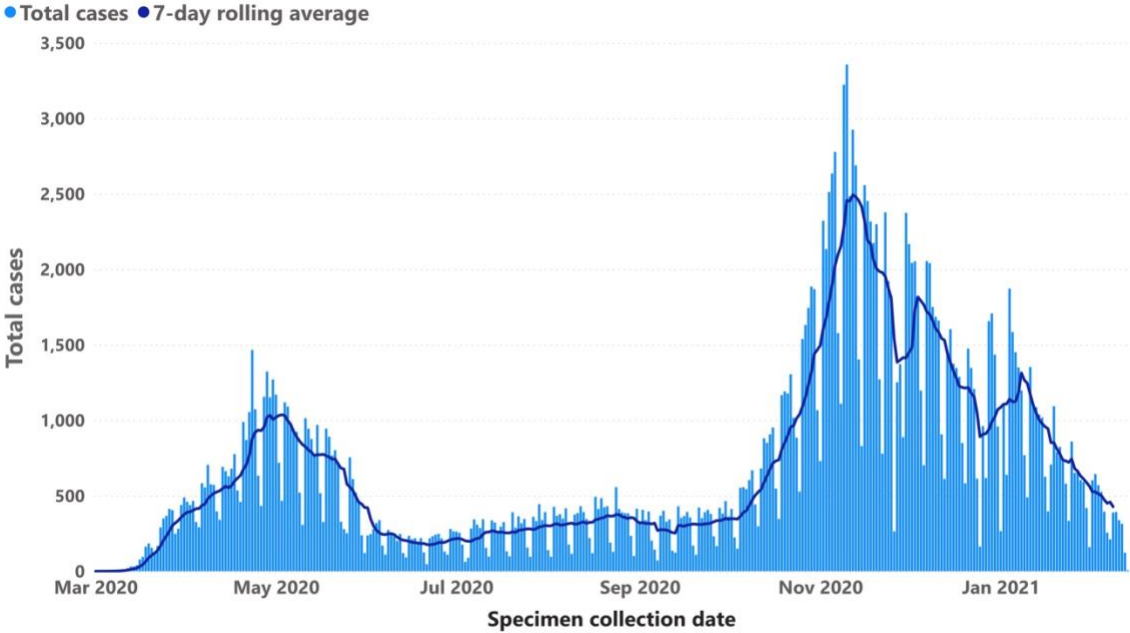
COVID-19 has impacted age, gender and race-ethnicity groups in Chicago differently. By monitoring the demographics of cases, Chicago Department of Public Health (CDPH) can provide resources where they are needed most.

Tasks:

Create:

1. A description and comparative evaluation of the Covid-19 positive residents of Chicago with regards to age, gender and ethnicity.
2. An assessment of the apparent trends with respect to age, gender and ethnicity.
3. An assessment of which categories of persons require more city/municipal resources to treat with the Covid-19 infection rate.
4. Recommendations for the health authorities of the City of Chicago.

Confirmed daily COVID-19 Chicago resident cases and 7-day rolling average

● Total cases ● 7-day rolling average

Characteristics of Chicago resident cases

Characteristic	Number	% Total Cases	Rate per 100,000
Citywide			
Citywide	240278	100.0%	8793.7
Age			
0-17	24947	10.4%	4496.2
18-29	57545	23.9%	10304.6
30-39	46824	19.5%	10159.1
40-49	38426	16.0%	11322.2
50-59	32747	13.6%	10361.3
60-69	21874	9.1%	8228.7
70-79	10973	4.6%	6990.6
80+	6909	2.9%	8538.0
Unknown	33	0.0%	
Gender			
Female	123059	51.2%	8792.3
Male	115498	48.1%	8662.9
Unknown	1721	0.7%	
Race-Ethnicity			
Asian-Non-Latinx	6074	2.5%	3331.6
Black-Non-Latinx	41302	17.2%	5203.6
Latinx	84155	35.0%	10767.7
Other-Non-Latinx	10758	4.5%	8896.5
Unknown	53985	22.5%	
White-Non-Latinx	44004	18.3%	4822.7