CA5A.1. EDA Detective

Cholera is an infectious disease that affects the small intes-In 1854, a deadly cholera outbreak swept through the Soho dis It's 1854 (no computers!) and the government has hired your to

1. What do you suspect might be causing the outbreak?

I U S 77 4 \times_2 \times^2 f_x Normal \$ \$ <u>T</u>x Normal AA

A central waterline around the Soho district has been infected, causing the outbreak.

2. What kinds of information would you want to gather from the community to test your suspicion?

77 4 \times_2 \times^2 f_x B I <u>U</u> S Normal **\$** Normal T_{x} A A

- Are people in neighbouring districts getting infected?
- Check the pipes to see if they are overlapping with the sewage.

3. How could you present this information so patterns become clear to others, general names of visualizations that may work?

U S $X_2 \quad X^2 \quad f_X$ B I**77** </> T_{x} Normal Normal A A

side by side bar graph to see the infection of cholera within the soho district on one graph and outside of the district in another.

another graph would be would test the pipes for reside to some capacity to see the pH (or whatever detects chloera) and visualization on a heat map

4. Now be specific: Describe in detail what your chosen visualization would look like. What would be encoded on each channel? What is the mark?

 $X_2 \quad X^2 \quad f_X$ В I **77** </> T_{x} Normal Normal A

mark using point

channel colour, area and position x and y

making and heatmap that will have the infected area in red to highlight the isolated affect therefore pointing to the infection if the Class Activities 5A

Assessment overview

Total 0/100 points:

Score:

(0%)

Question CA5A.1

Value:

100 0

All variants: Open

Total points: **pending**

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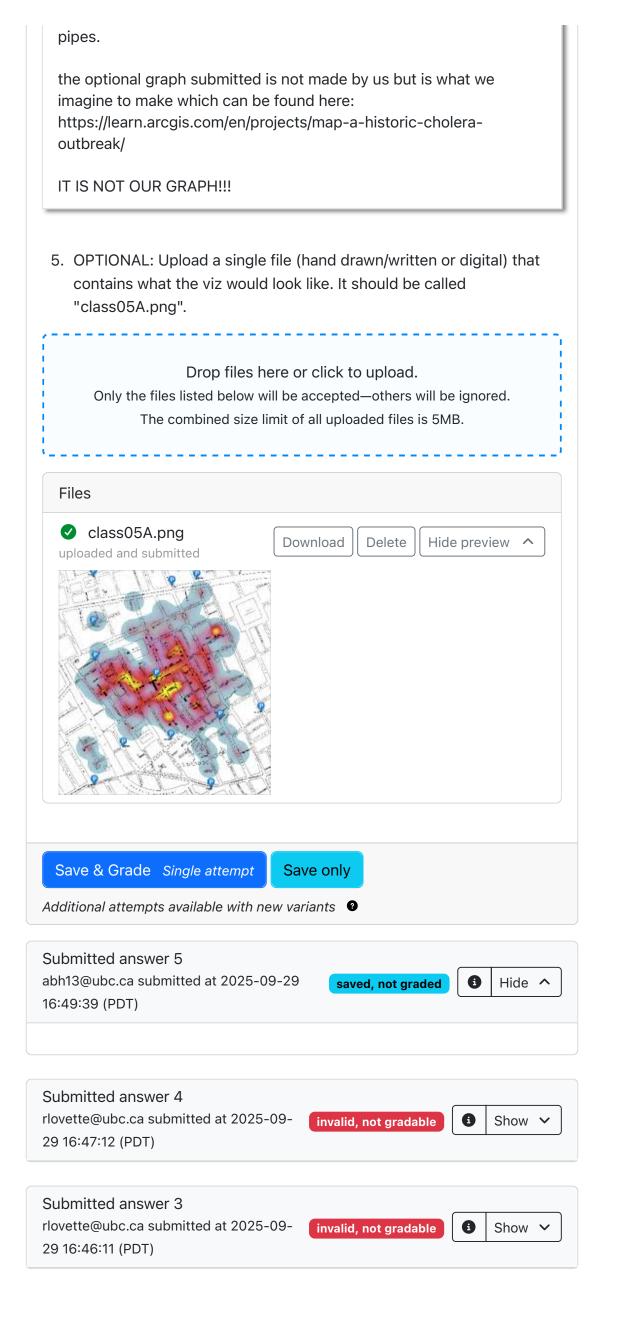
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