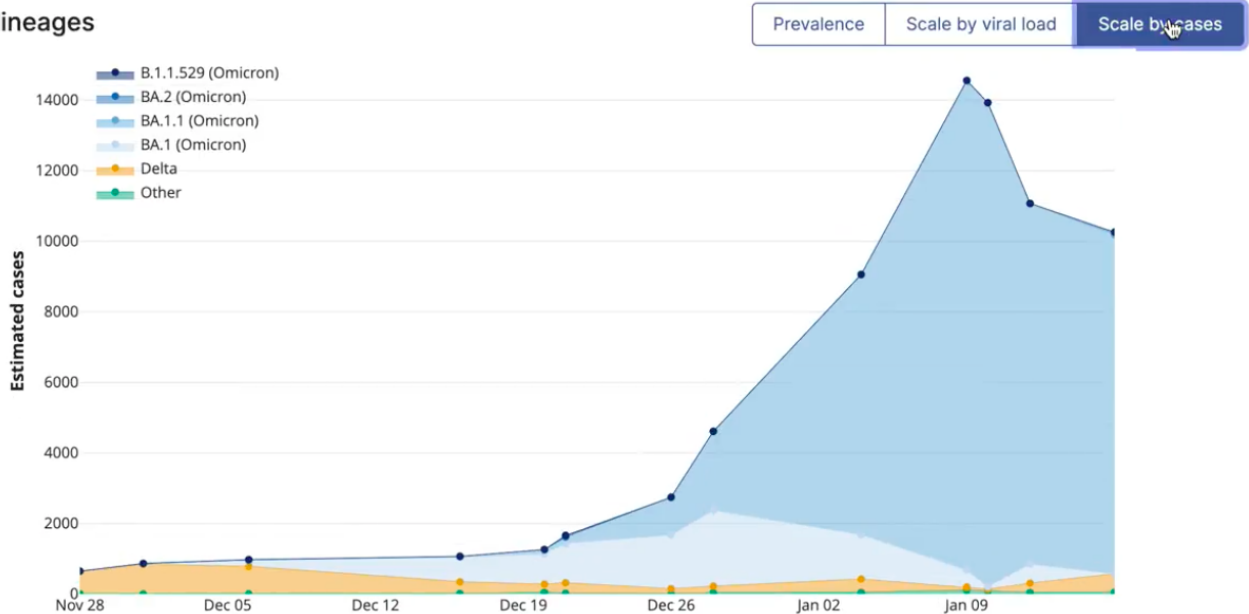


## Marks and Channels - Analyze Visualizations - Lab 7

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(Canvas group 50)

### Wastewater lineages



[Source](#)

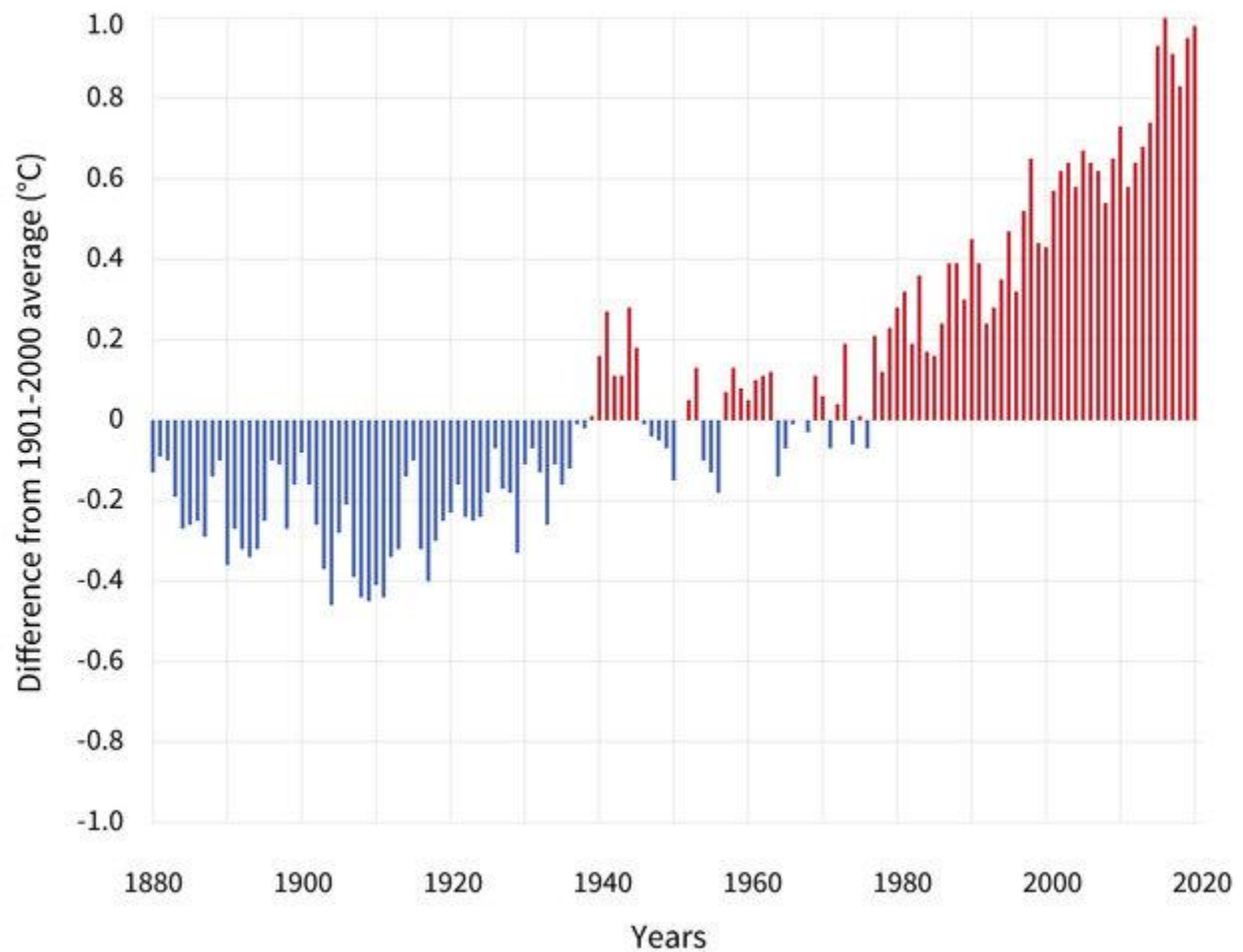
Identify data items and the marks used to encode them, and data attributes and the channels used to encode them.

### SEARCH Wastewater Lineages Visualization

- What marks are used?
  - Lines
  - Dots
    - For each mark used, what item is being encoded by that mark?
      - Lines are showing trends through time
      - Dots are showing case numbers at a specific time
- What channels are being used?
  - Color
  - Size of each color

- For each channel used, what attribute is being encoded by that channel?
  - Color differentiates what variant of covid is being visualized
  - Size of each color indicates how much more or less one variant has in cases compared to another. It is easy to tell which variants are dominant by the space they are taking up.

## GLOBAL AVERAGE SURFACE TEMPERATURE



[Link](#)

- What marks are used?
  - lines
    - For each mark used, what item is being encoded by that mark?

- Lines show the temperature difference from the average.
- What channels are being used?
  - Color
  - Length
    - For each channel used, what attribute is being encoded by that channel?
      - Color represents whether the temperature that year is above the average temperature or below.
      - Length represents the difference between the temperature that year from the average temperature