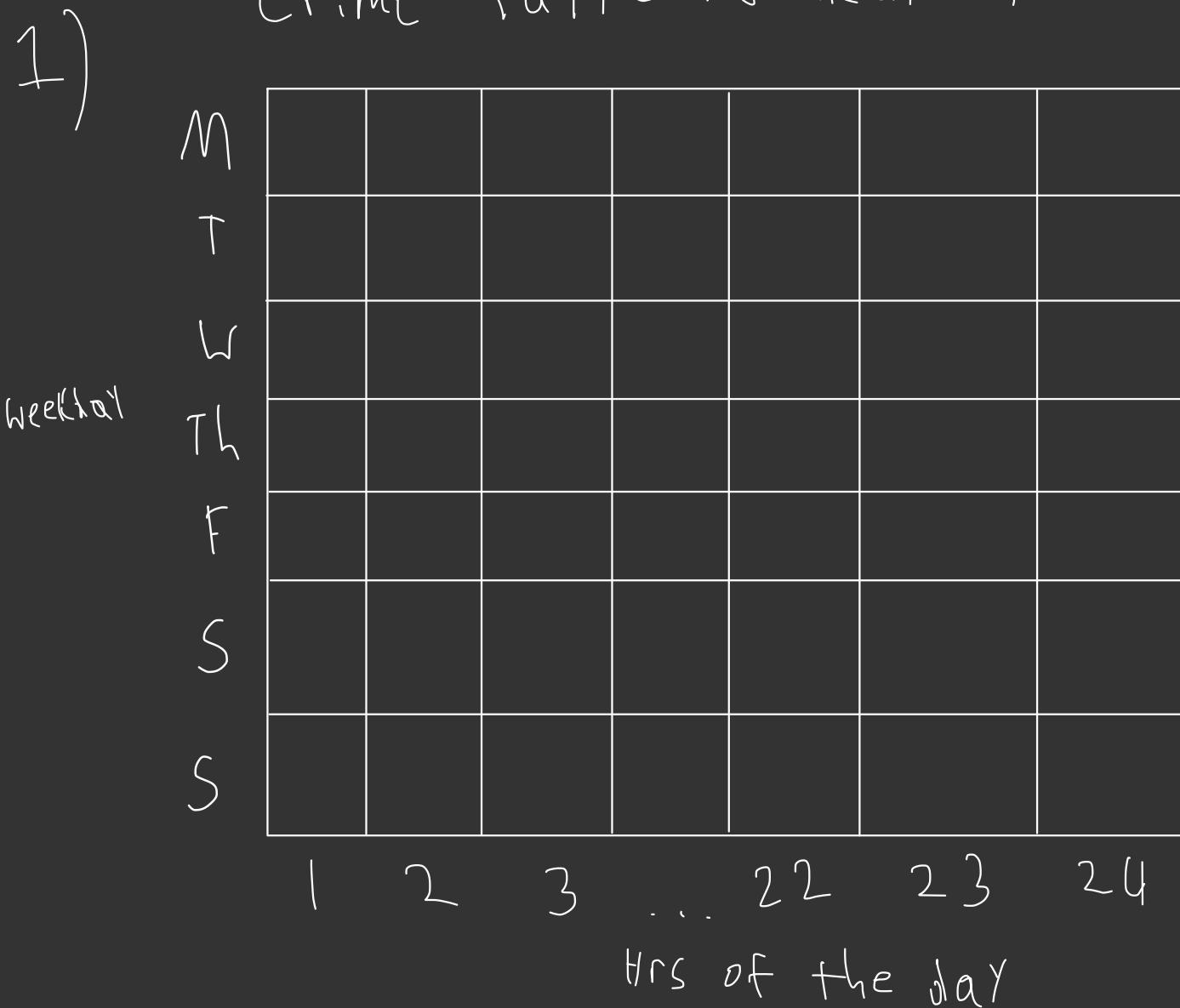


Candidates

Crime Patterns heatmap



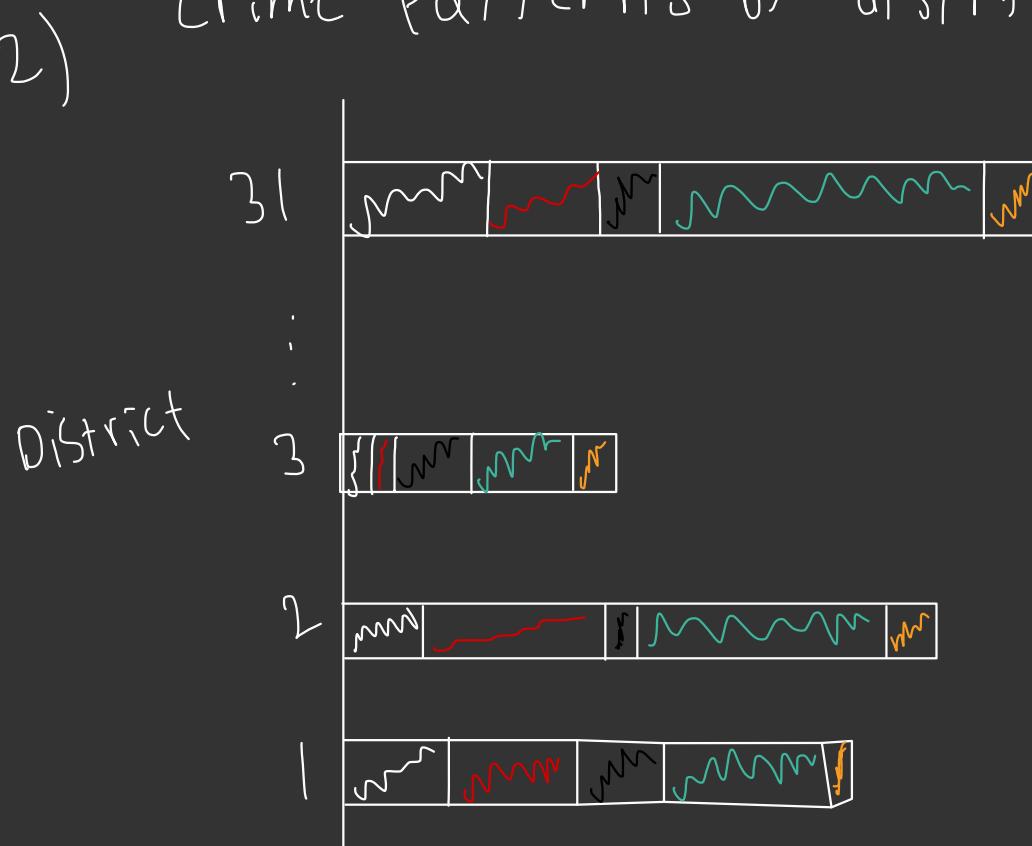
Marks: rectangles

channels, color
darkness

Interactions:
hover shows num

Each cell in the heatmap will be lighter or darker depending on the average number of crimes in that hour of that weekday.

Crime patterns by district



Legend

White: Theft +

Red: Battery

Black: Assault +

Green: Motor vehicle theft

Gold: Criminal damage

Marks: Horizontal bars

channels: position \rightarrow district. Length \rightarrow crime count

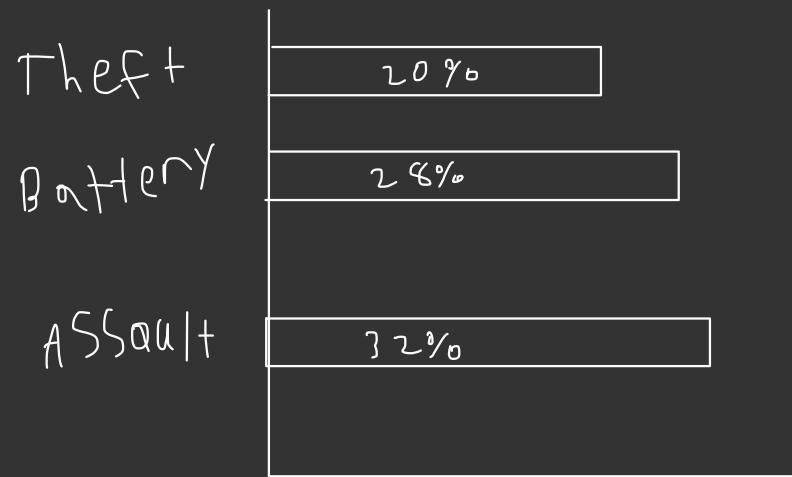
color \rightarrow crime type.

Interactions: hover \rightarrow specific numbers

3)

Arrest rate dashboard

Panel 1 - arrest rate by crime type



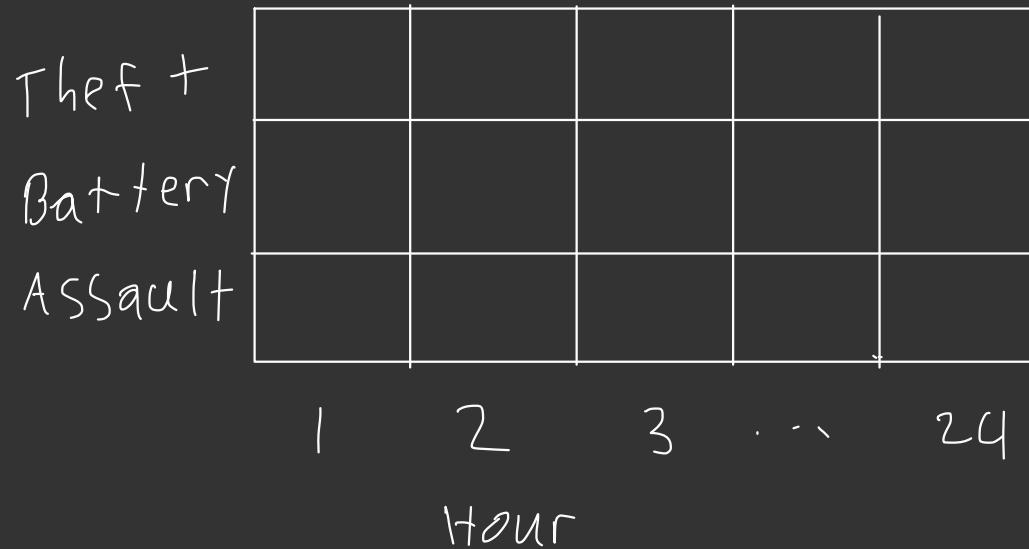
Marks: rectangles

Channels: position $y = \text{type}$

Length $x = \text{arrest rate}$

Percentage = arrests / total incidents

Panel 2 - Heat map: arrest rate by hour + crime type



Legend:

Darker = higher arrest rate

Marks: rectangles

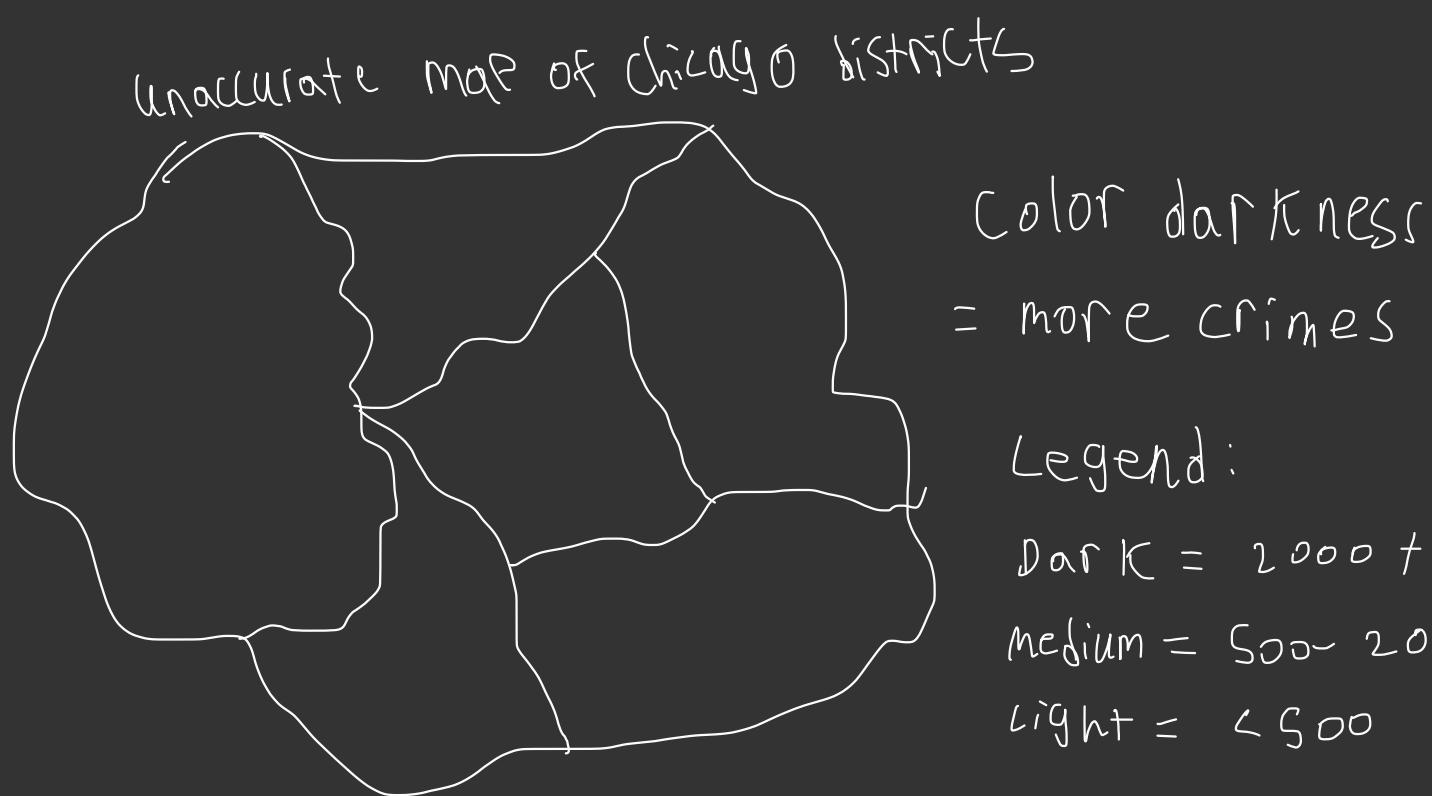
channels: position $x = \text{hour}$

Positions = type

Color darkness

= arrest rate

4) Crime hotspot map



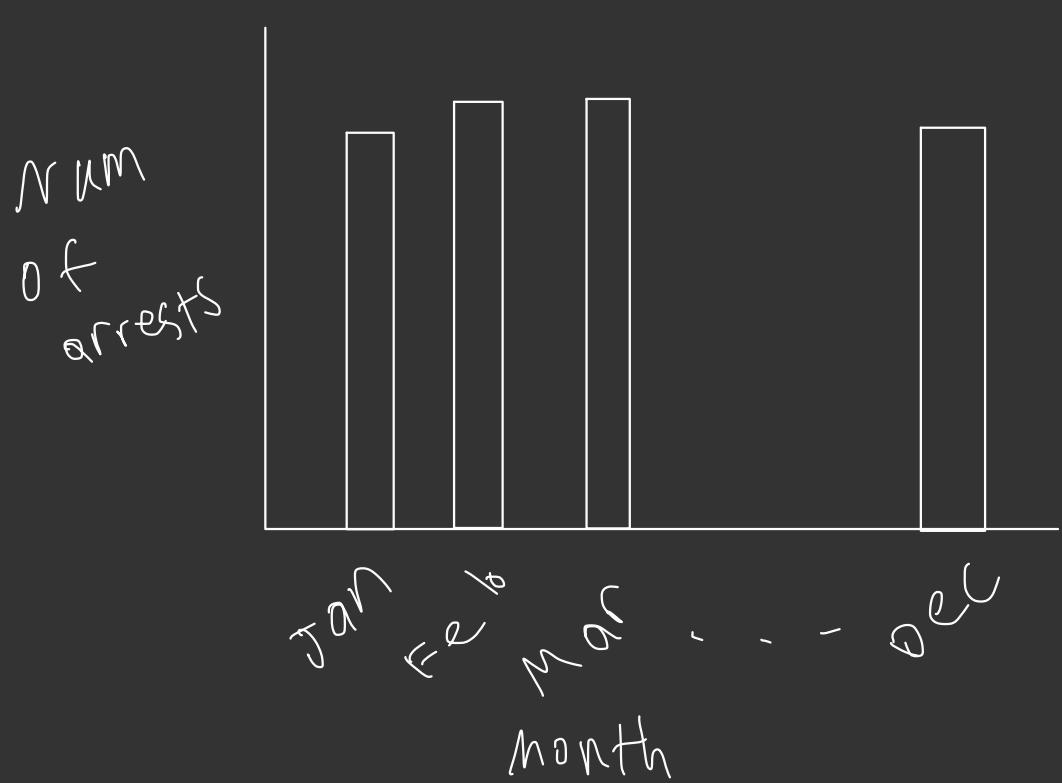
Marks: District boundaries

Channels: Position and color darkness

Shows the number of crimes in each Chicago district.

5)

Total arrests per month in 2024



Marks: rectangles

channels: position $x = \text{month}$

Length $y = \text{arrests}$