

# A look at Street Safety in Cambridge, Massachusetts

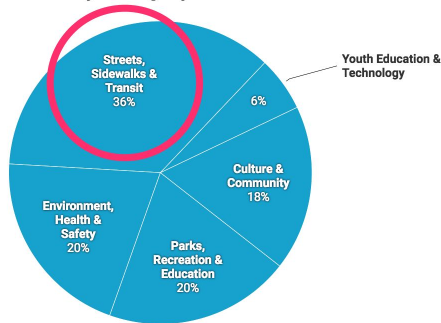
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Why should we  
care?

# Why should we care?

- It's what residents care about
- Meet City's Goals (Vision Zero)
- Growing # of Challenges

PB Ideas by Category

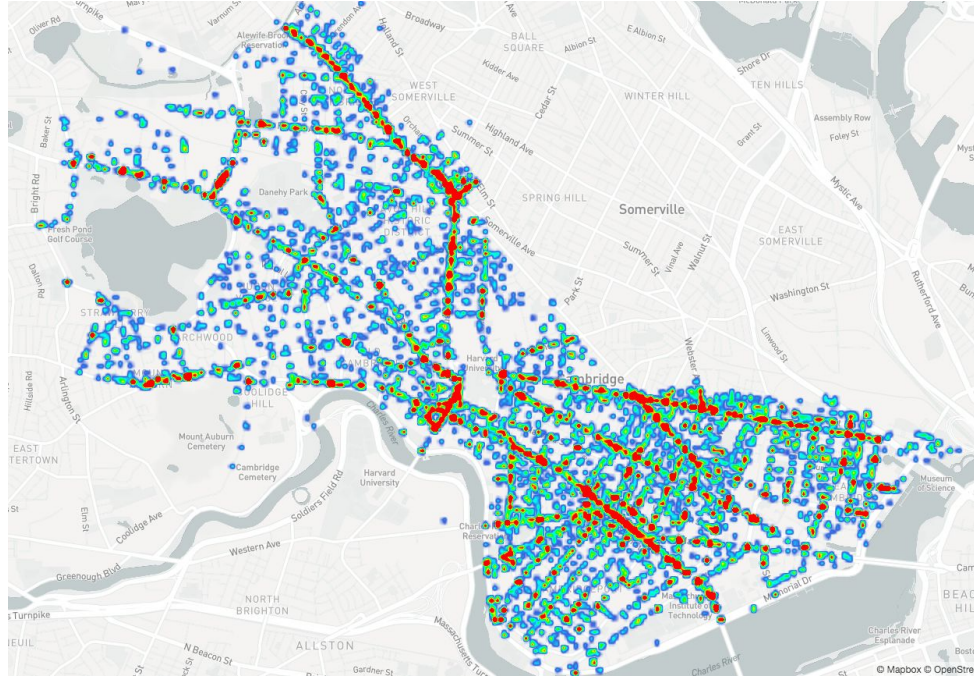


Source: The City of Cambridge • Get the data • Created with Datawrapper



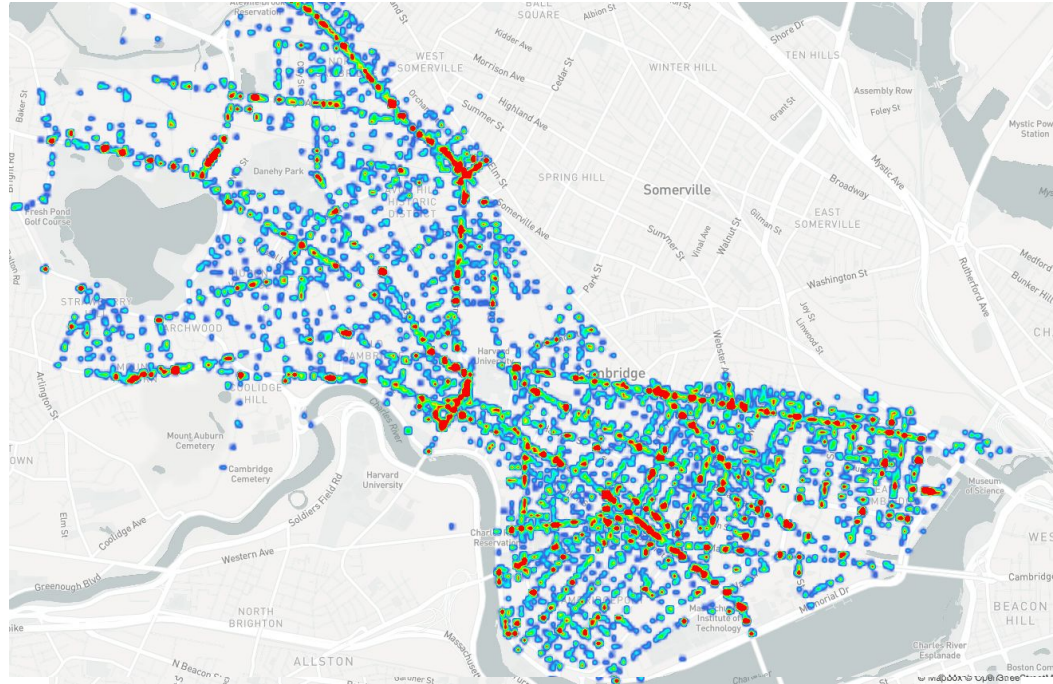
What does it look  
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# What does it look like today?



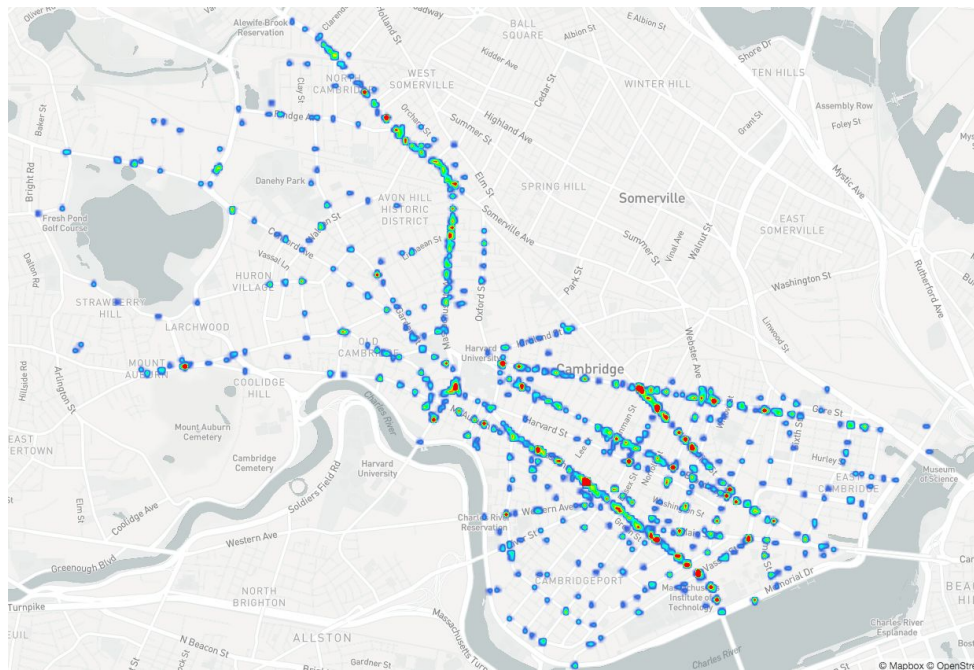
All accidents (2010 - 2017)

# What does it look like today?



Auto related accidents (2010 - 2017)

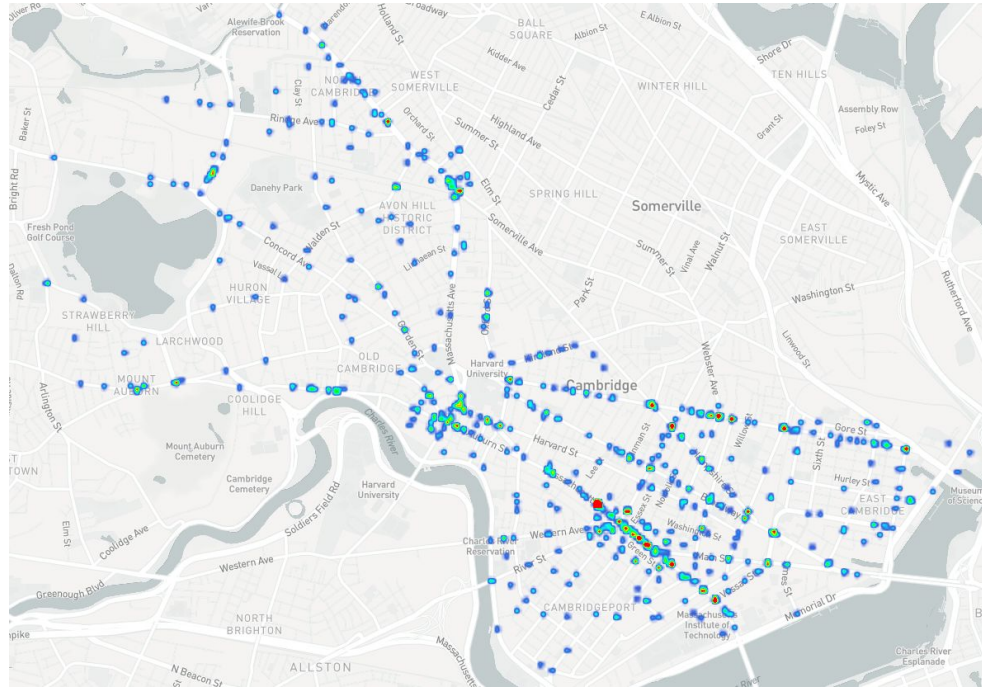
# What does it look like today?



Bike related accidents (2010 - 2017)



# What does it look like today?

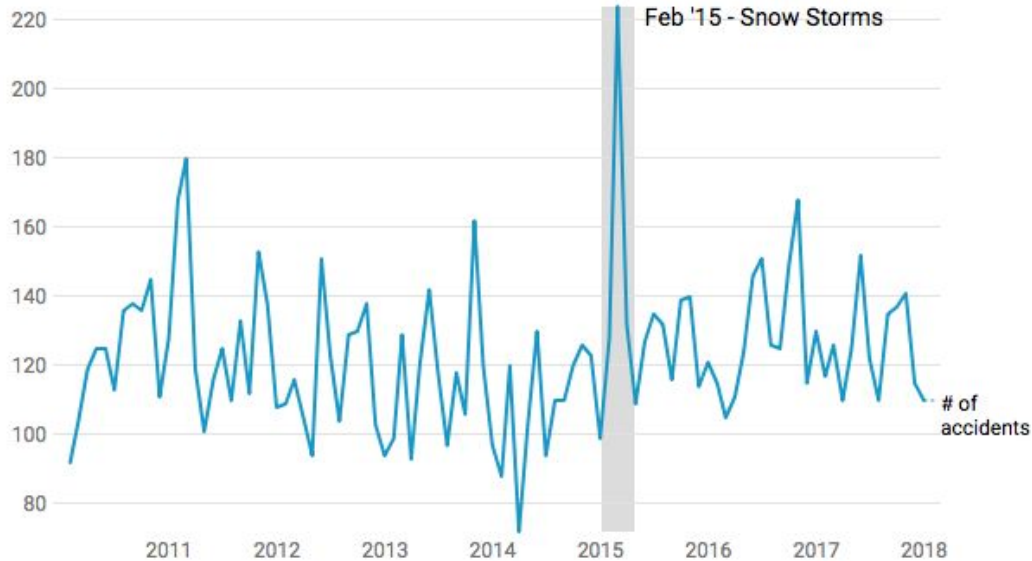


Pedestrian related accidents (2010 - 2017)



# What does it look like today?

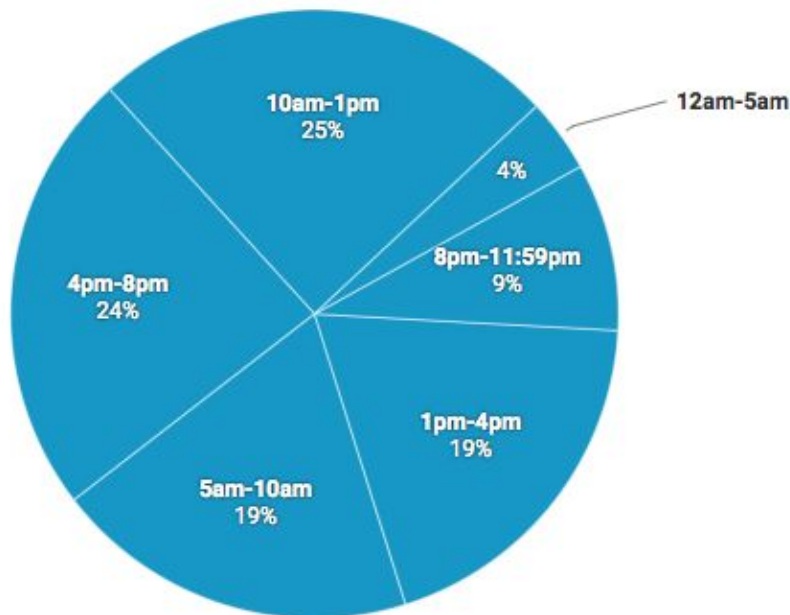
# of Accidents over time by month



Source: City of Cambridge • Get the data • Created with Datawrapper

# What does it look like today?

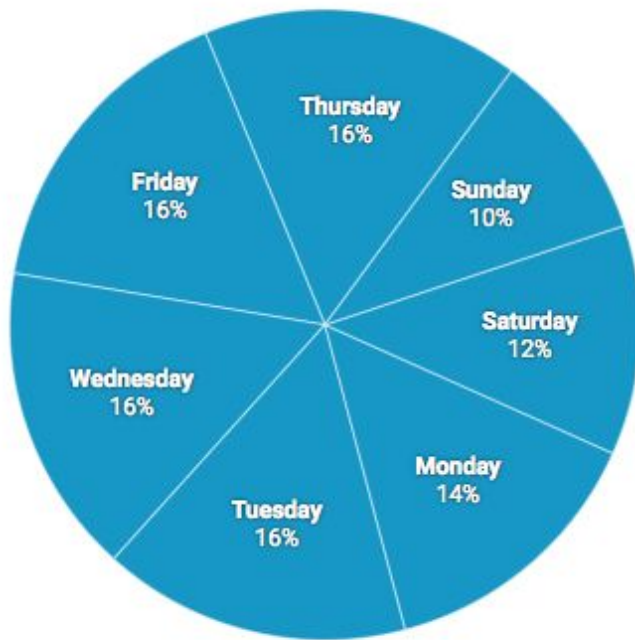
Accidents by Time of Day



Source: City of Cambridge • Get the data • Created with Datawrapper

# What does it look like today?

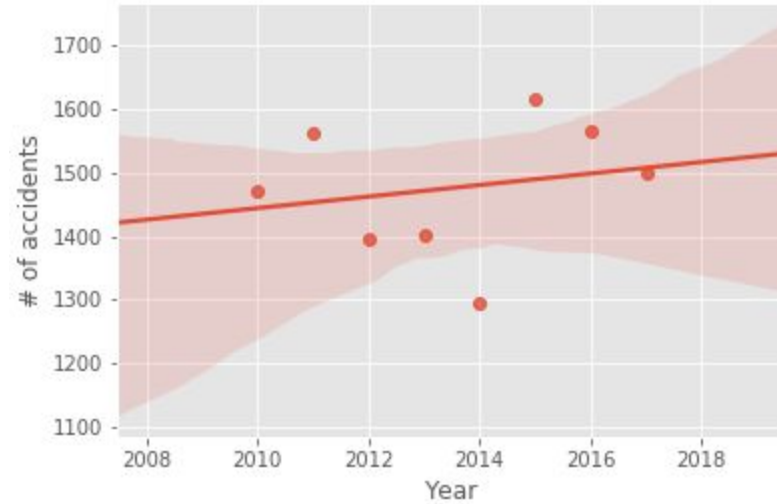
**Accidents by Day of Week**



Source: City of Cambridge • Get the data • Created with Datawrapper

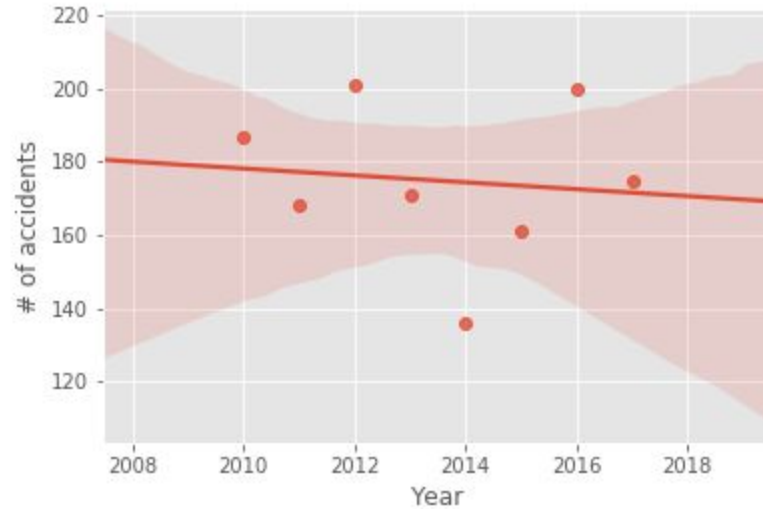
Is it getting better?

# Is it getting better?



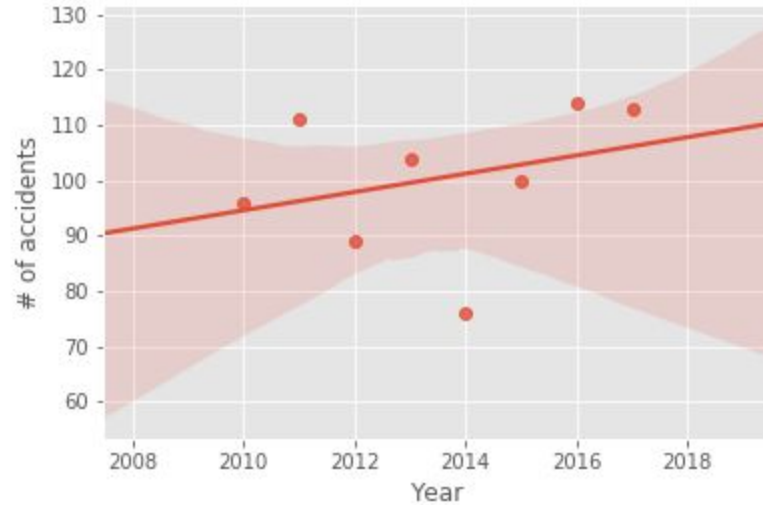
Trend line for all accidents

# Is it getting better?



Trend line for all bicycle related accidents

# Is it getting better?



Trend line for all pedestrian related accidents



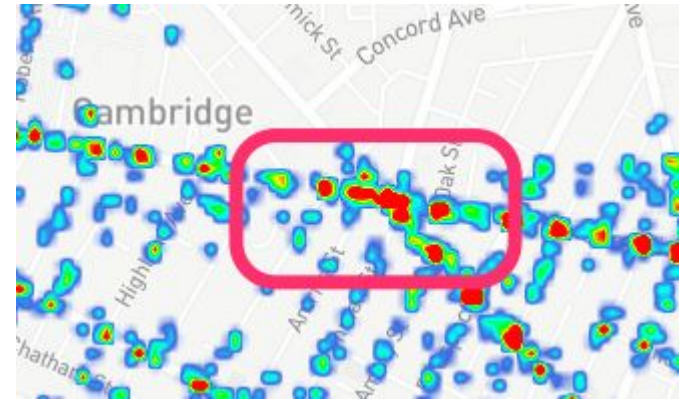
What can we do  
about it?

# What can we do about it?

- Fix known problems areas
- Build infrastructure
- Use the Data!!
- New Ideas

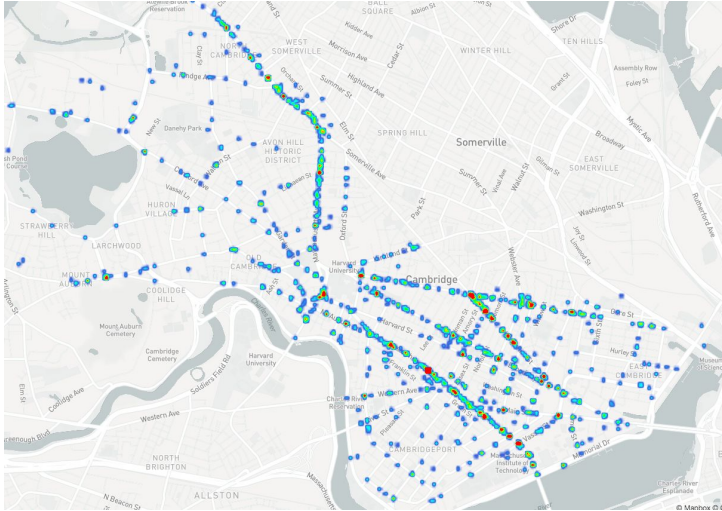
Fix known problem  
areas

# Fix known problem areas

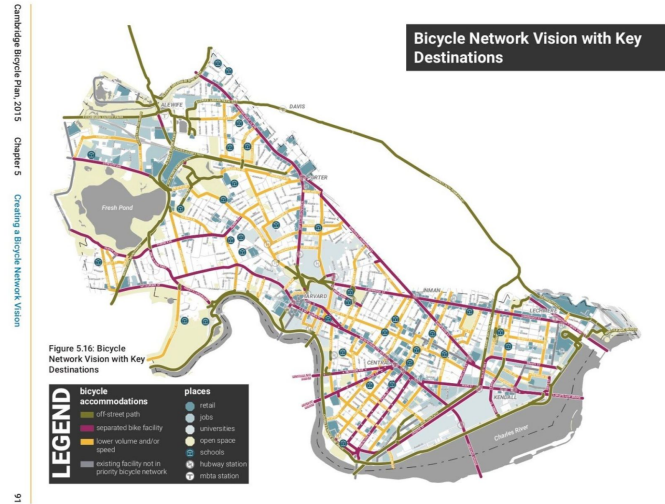


Build infrastructure

# Build infrastructure



All bicycle accidents (2010-2017)



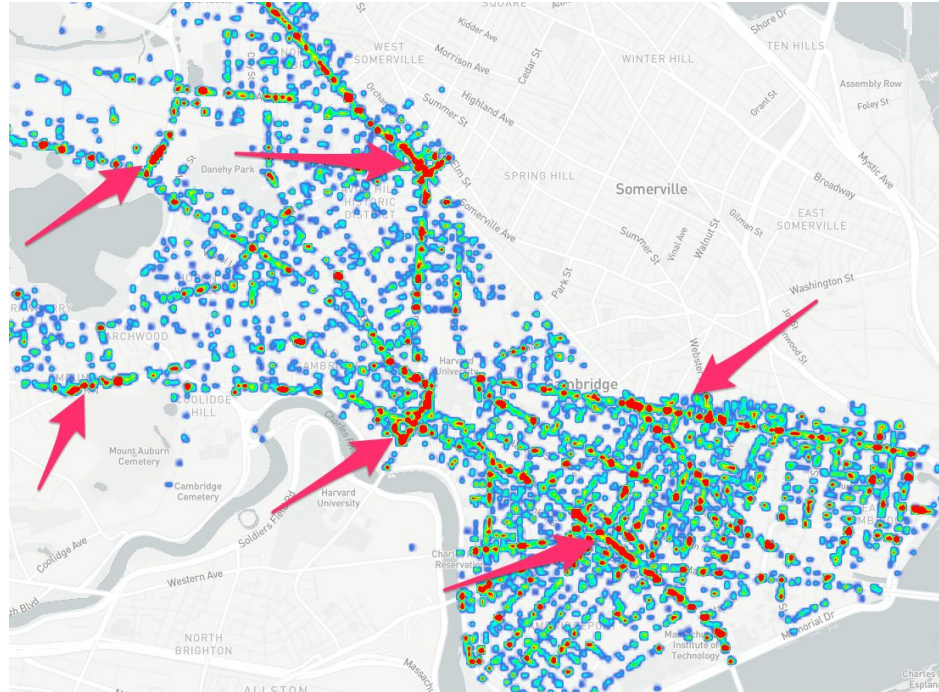
Bicycle Network Vision Plan

Use the Data!!



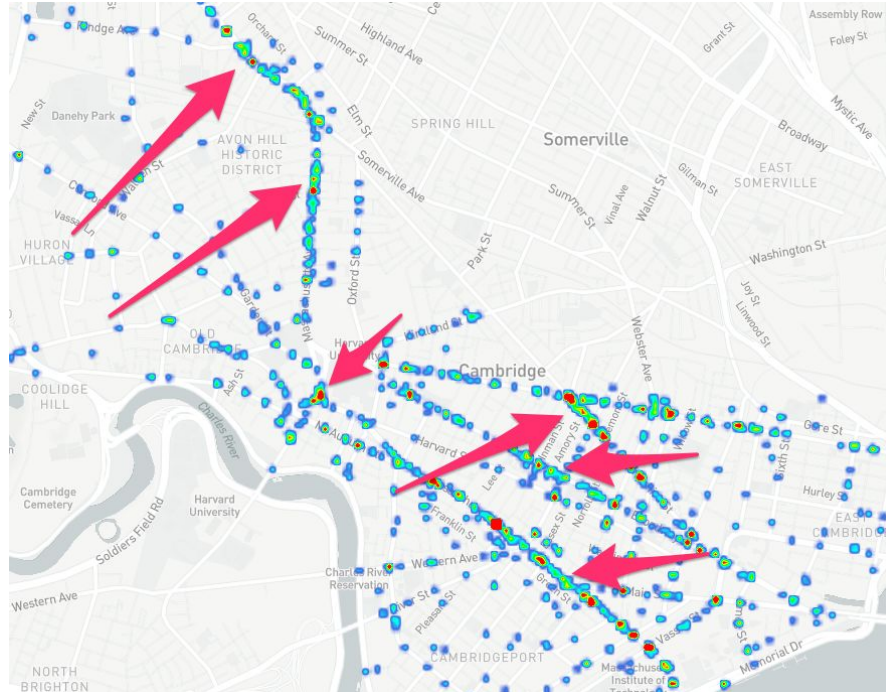
# Use the Data!!

## Auto Related Accident Hot Spots



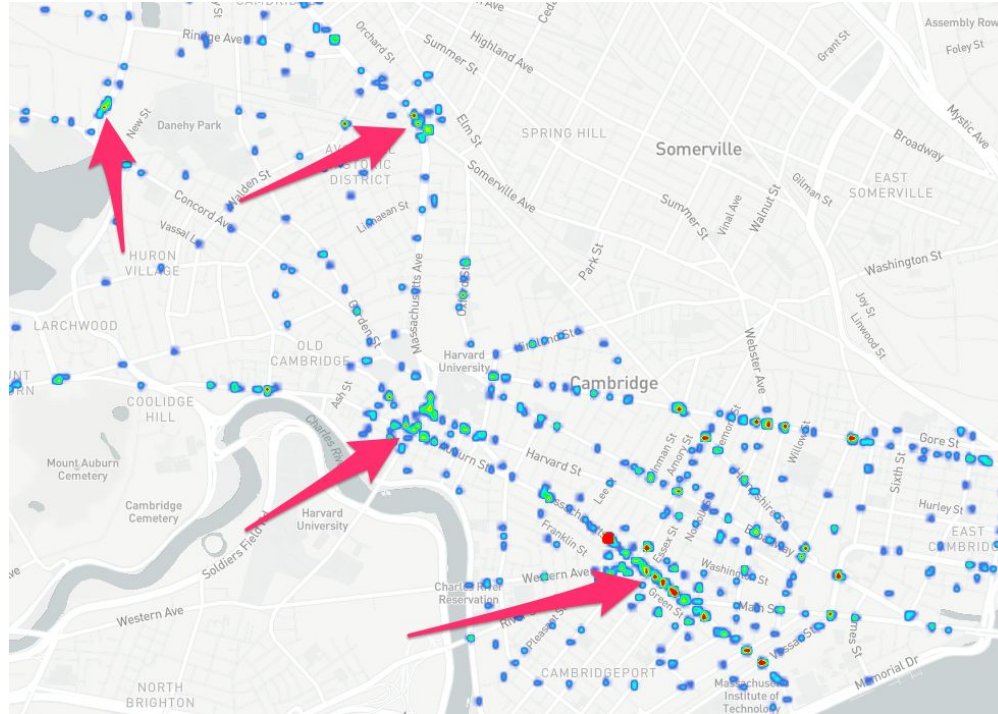
# Use the Data!!

## Bicycle Related Accident Hot Spots



# Use the Data!!

## Pedestrian Related Accident Hot Spots



New Ideas

# New Ideas

## Make Harvard Sq more pedestrian friendly



Alex Meyer started this petition to Cambridge MA and 6 others

Cities all over the world are starting to give their streets back to the people by making them more friendly to pedestrians. This has been a huge success and has increased the happiness of residents and visitors of cities throughout the world.

16 have signed. Let's get to 100!



Cambridge MA: Make Harvard Sq pedestrian and bike only

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# Thanks!

All data and code used in this presentation can be found here: <https://github.com/acmeyer/cambridge-street-safety>