Classification of Blighted or Non-Blighted Buildings in Detroit

2016 summer the Data Incubator Capstone Project
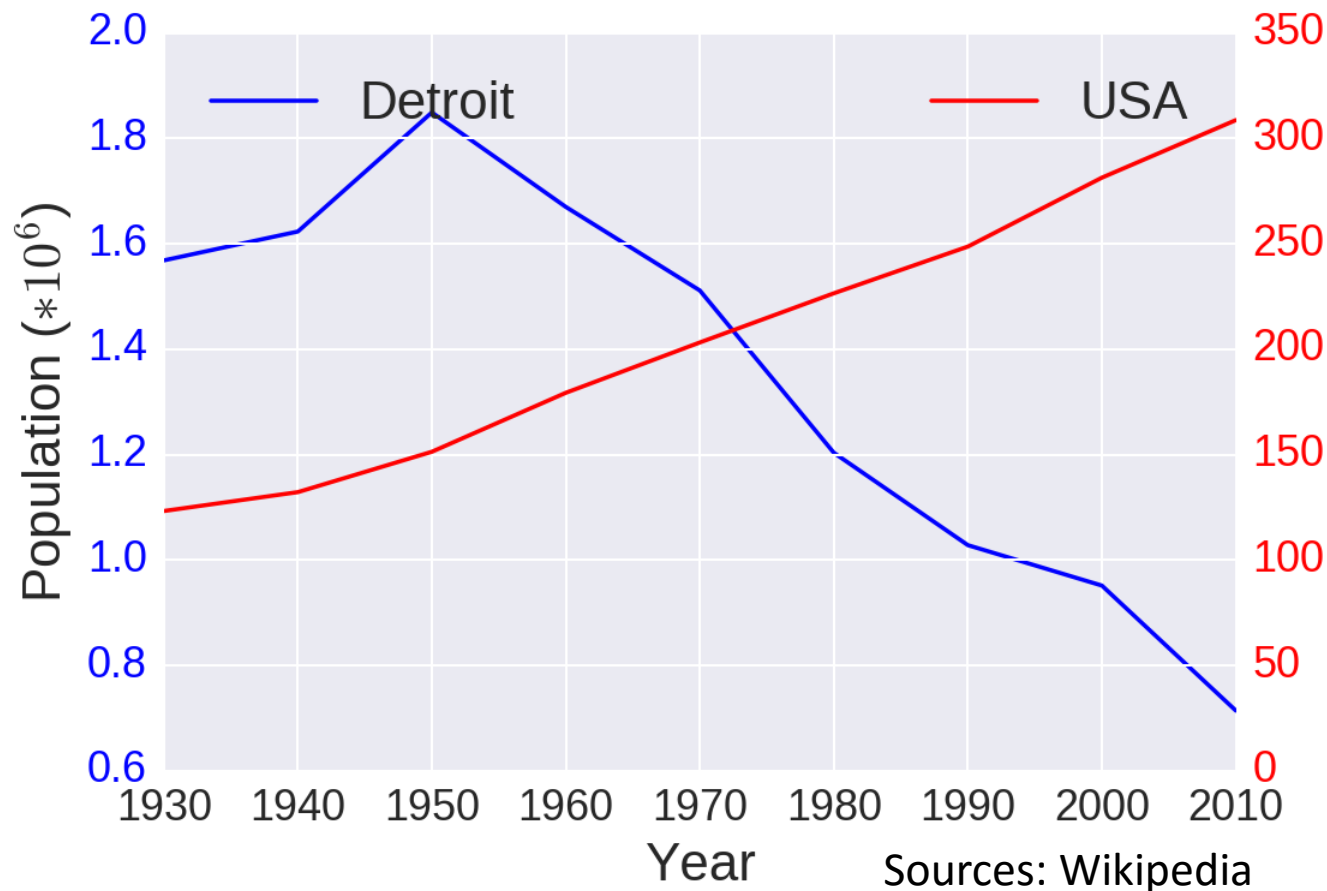
Detroit

In the past, prosperous

Currently in Bankruptcy from 2013

Decrease of Detroit's Population

Sources: Wikipedia

The population in Detroit has dropped from ~1.8 M in 1950 to ~0.7 M in 2010.

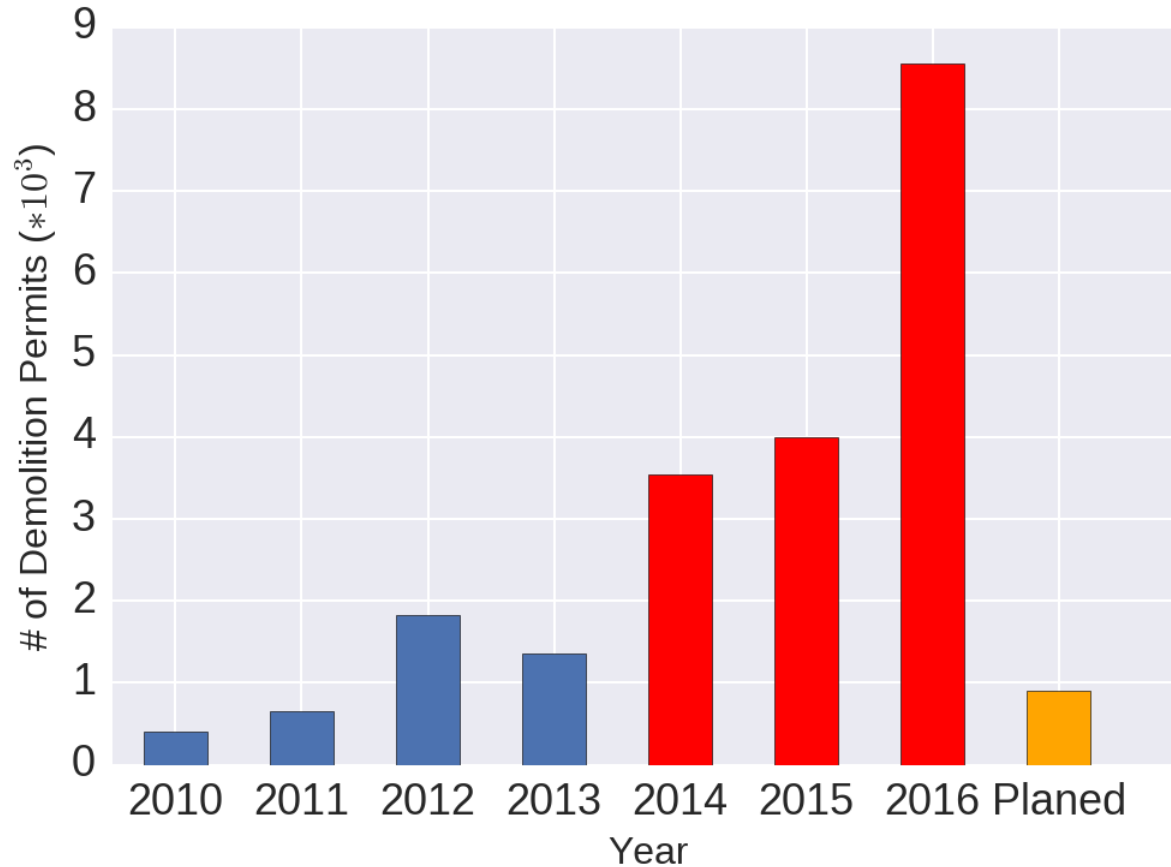**Houses or Buildings have been abandoned or blighted.**

Blighted Houses/Buildings

5064 Baldwin St (from Google Map)

- **Threat to public safety**
- **Deteriorate neighborhoods**

Blight demolition project began in 2014.

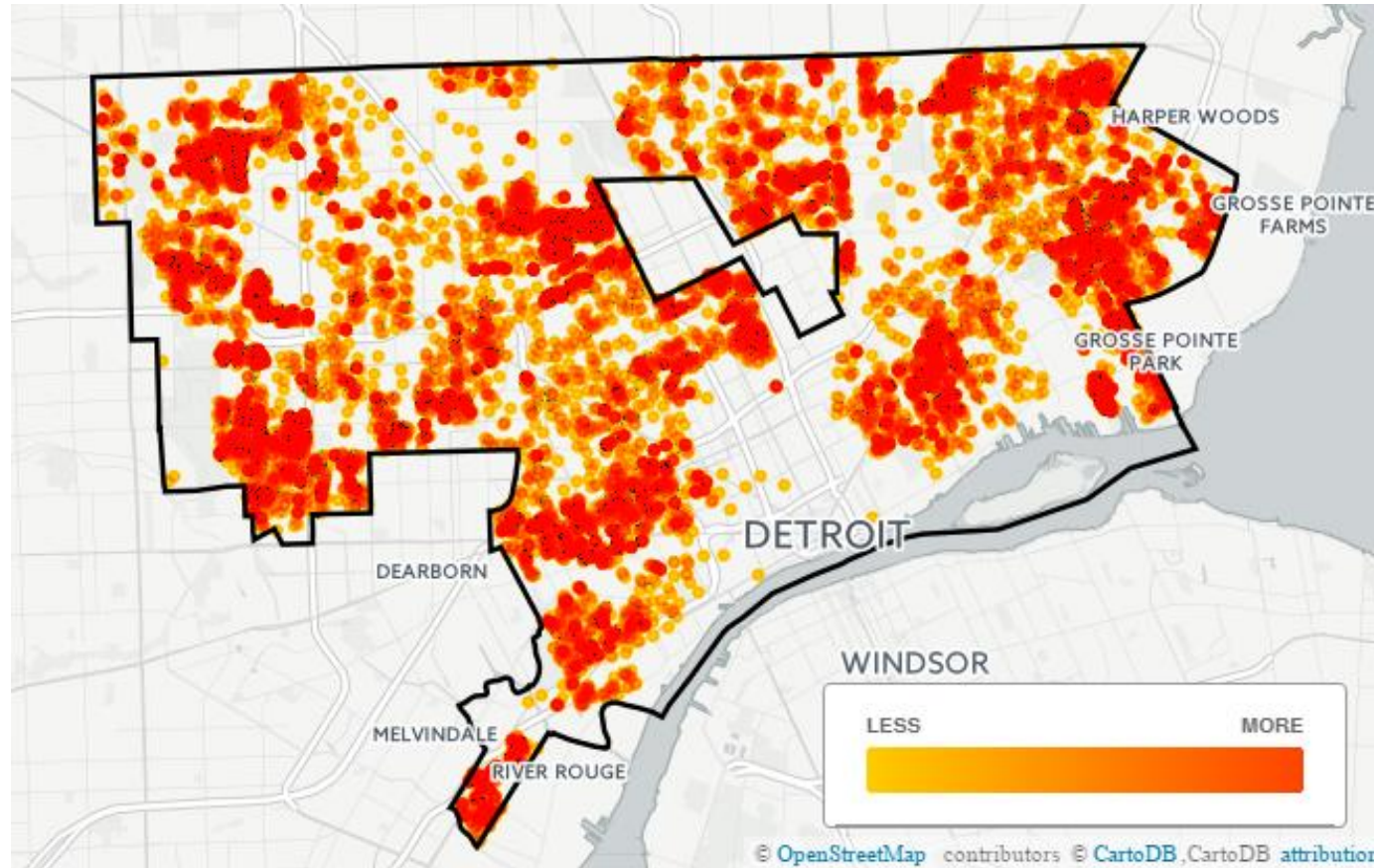# Blighted buildings from Demolition-Permits

Since 2014, lots of demolition permits have been issued through the blight demolition project.
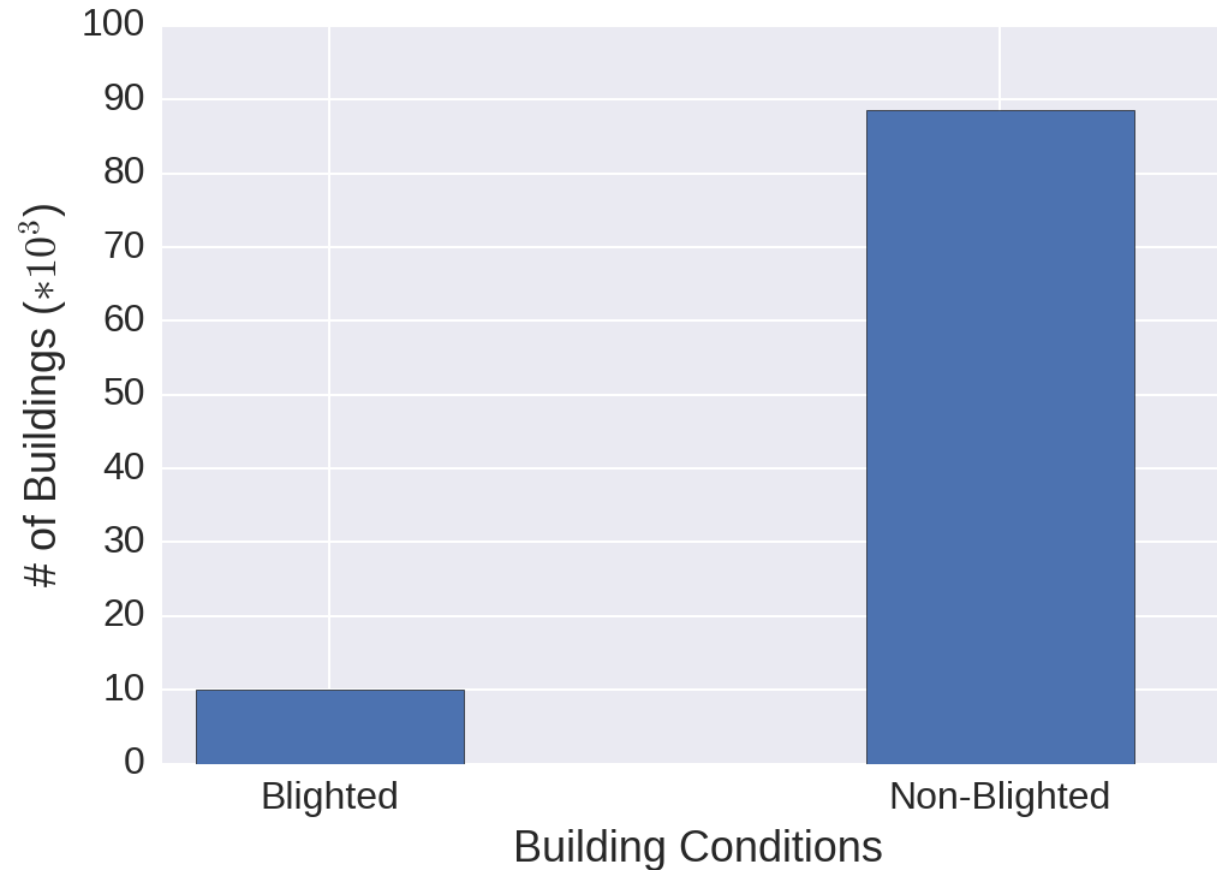
Address or geo-coordinates in demolition permits issued from 2014 represent blighted houses/buildings.

Intensity Map of Blighted buildings

Blighted buildings are distributed in most area of the city but they are localized in certain regions.

Number of Blighted/Non-Blighted Buildings

Blighted from Demolition-permit

Non-Blighted partially from blight-violation

Classification model can be evaluated by precision.