

# Taste Check



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NEIGHBORHOODS LATEST STORIES

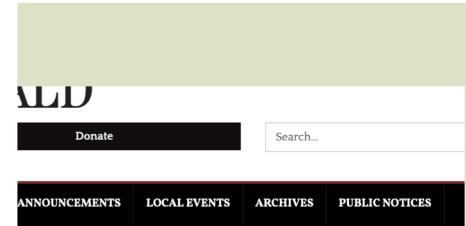
AM INTEL MCDONALD'S BARS

# Nine Chicago Hospital Food Vendors and Cafeterias Failed Multiple Safety Inspections in 2021

UPTOWN, EDGEWATER, ROGERS PARK

## Polygon Cafe Shut Down After Inspectors Find Roaches, Rat Droppings And Improperly Stored Raw Fish, City Says

2021. Two failed four times

By Diana Leane and Hayley Starshak  
Chicago Tribune • Feb 16, 2022 at 6:00 am

ANNOUNCEMENTS LOCAL EVENTS ARCHIVES PUBLIC NOTICES

**DEPARTMENT OF PUBLIC HEALTH SUSPENDS SEOUL TACO'S LICENSE; RESTAURANT PLANS TO REOPEN**

## Cafeterias and food vendors in 9 Chicago hospitals failed inspections in 2021. Two failed four times.

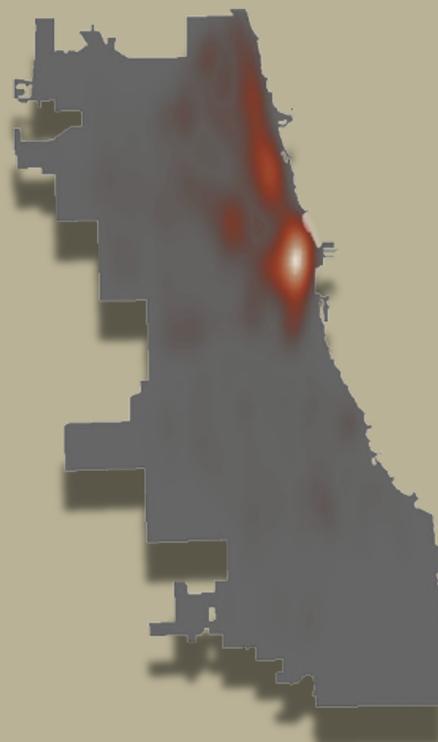
By Diana Leane and Hayley Starshak  
Chicago Tribune • Feb 16, 2022 at 6:00 am

EXPLORATORY  
ANALYSIS

Restaurant Inspection  
Failures, points



Density of Restaurant  
inspection failures

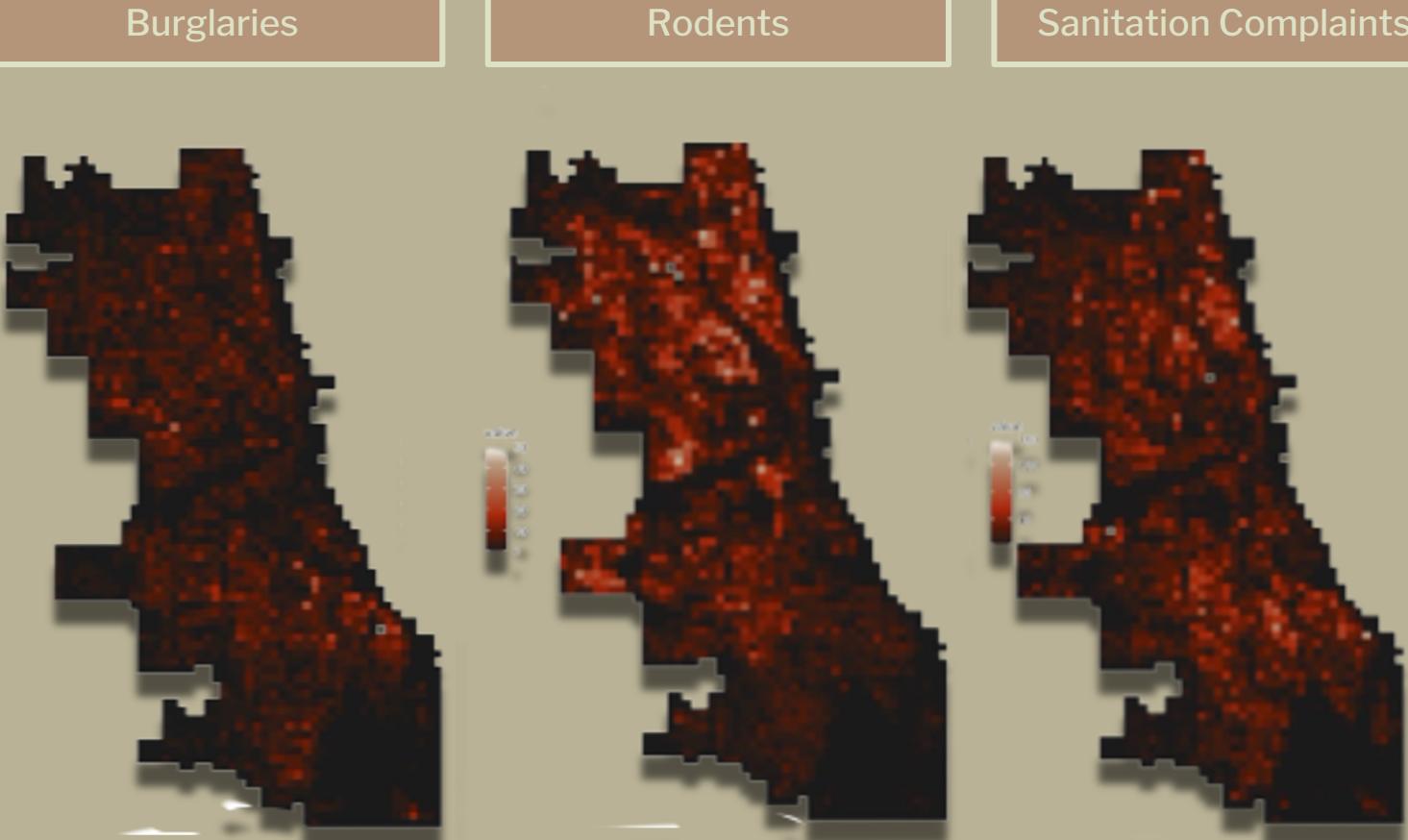


Counts of Restaurants  
Failing Inspection



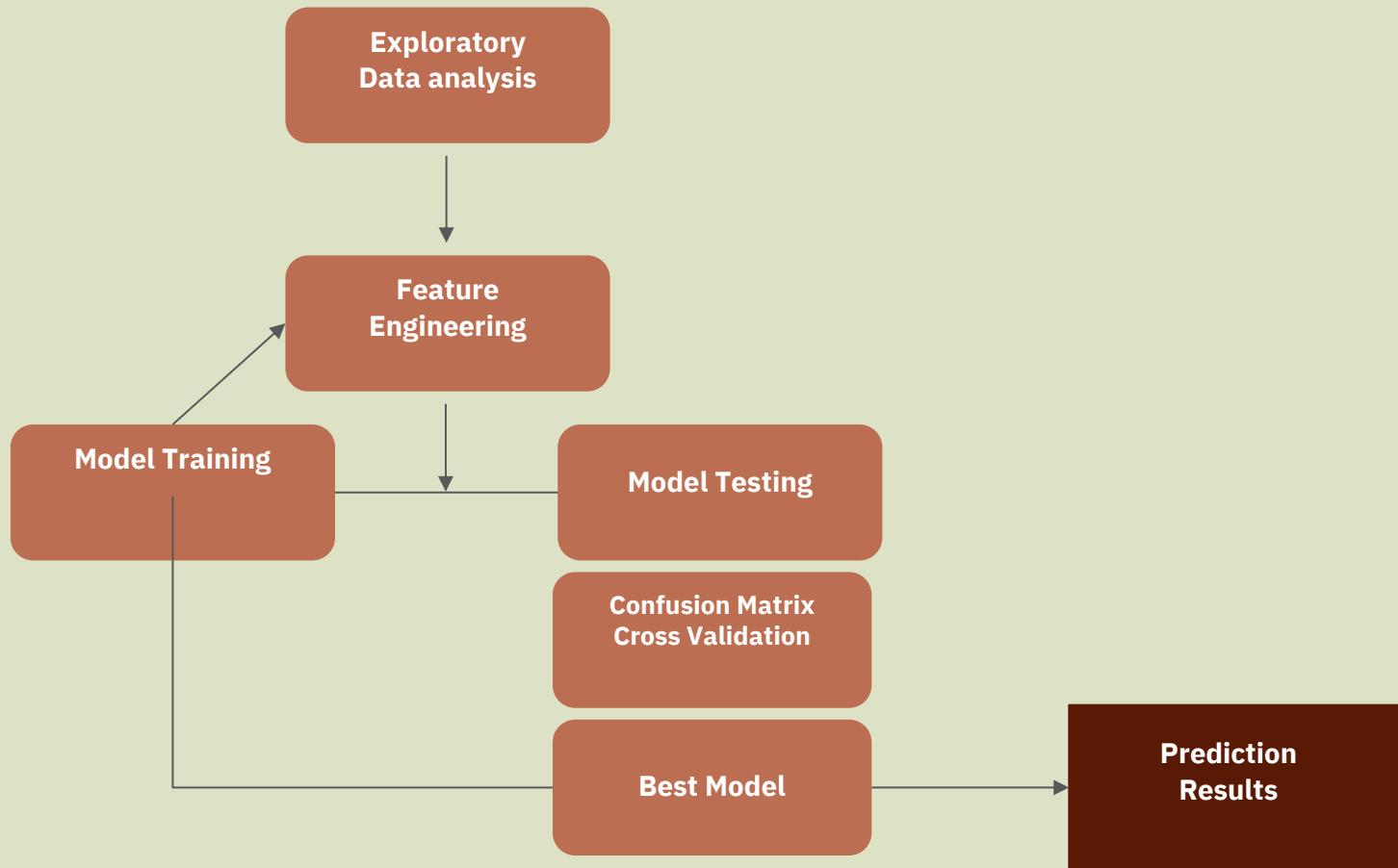
Chicago, IL

RISK FACTORS



Chicago, IL

# PRELIMINARY MODEL ITERATION





## USER PROFILE

TasteCheck's use case is to help health inspectors prioritize food establishments that are most likely to have critical violations based on our predictive algorithm model

**Name: Nicole Benavides**  
**Age: 34**  
**Location: Chicago, IL**  
**Position: Mid Level Health Inspector**

## QUESTION MARIA CAN SOLVE USING Taste Check

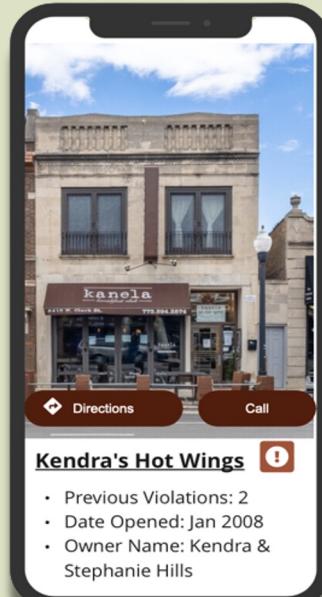
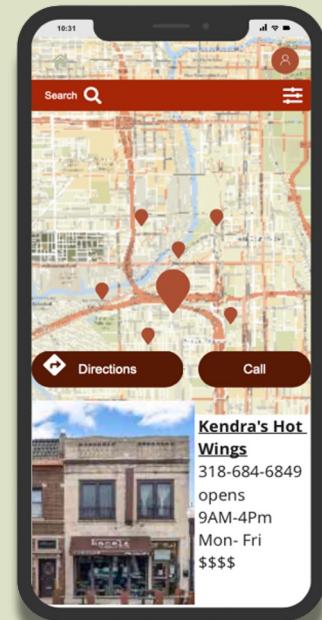
Our user friendly application makes it easy, & efficient for health inspectors to locate low, medium or high risk establishments based on our predictive model. Users have quick access to site locations, address, and establishment history.

Which restaurants are most likely to fail inspection?

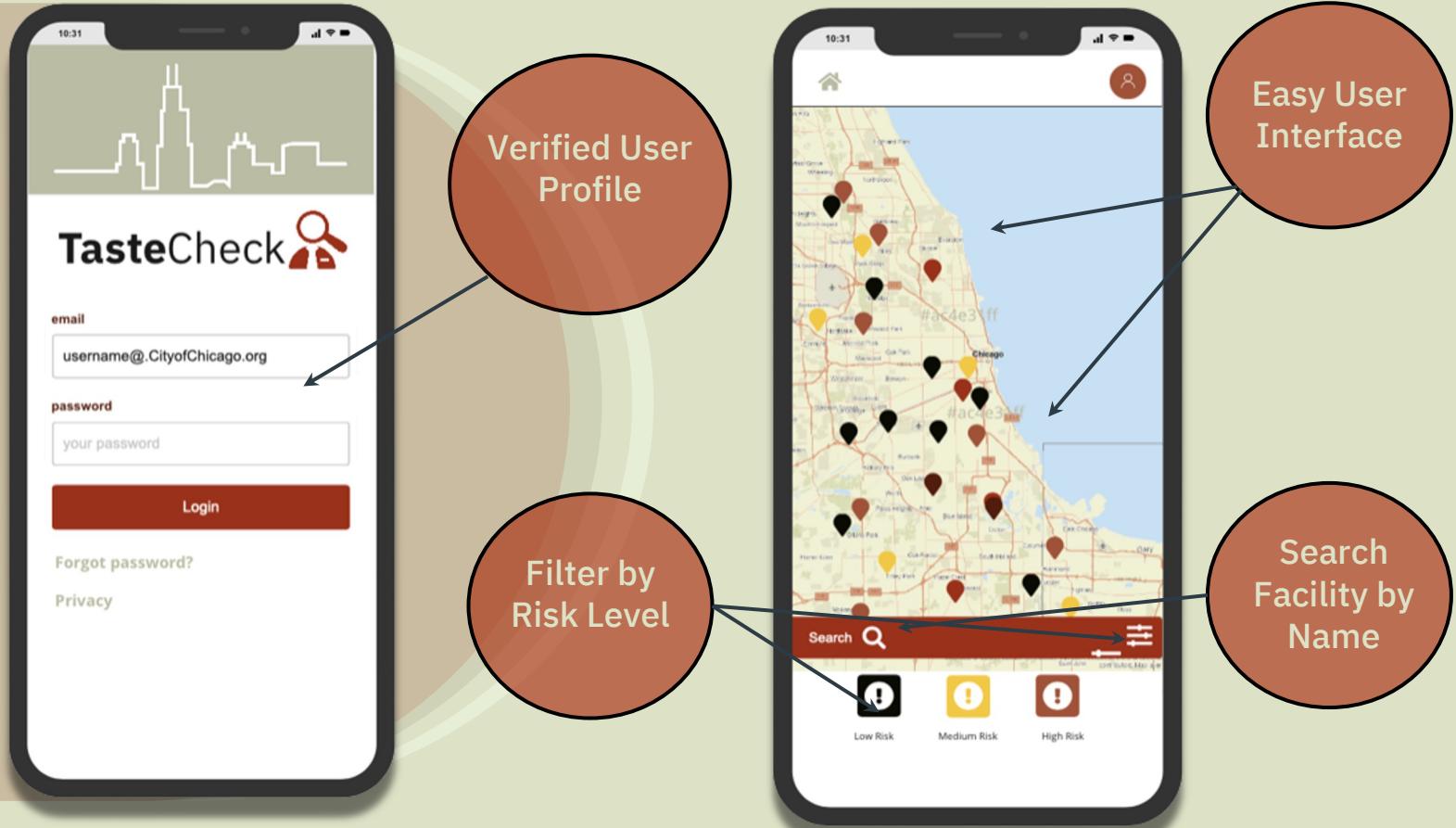
Who are the highest risk restaurants located near me?

Where are the highest risk restaurants located near me & how can i get there?

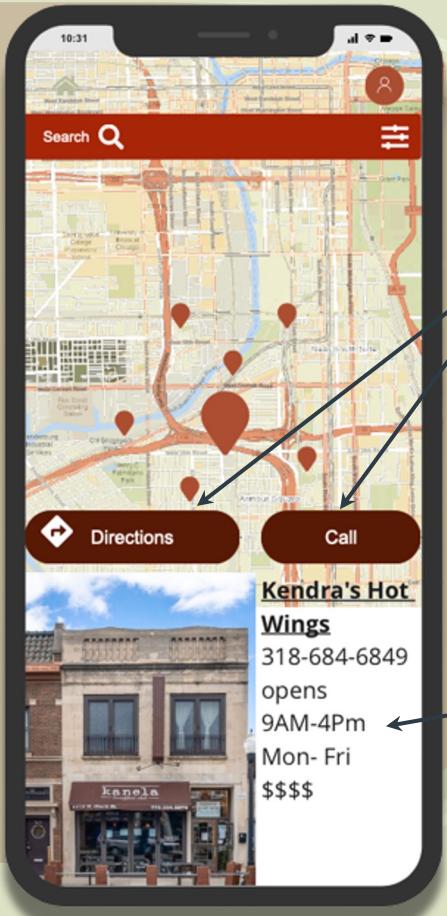




# APP INTERFACE

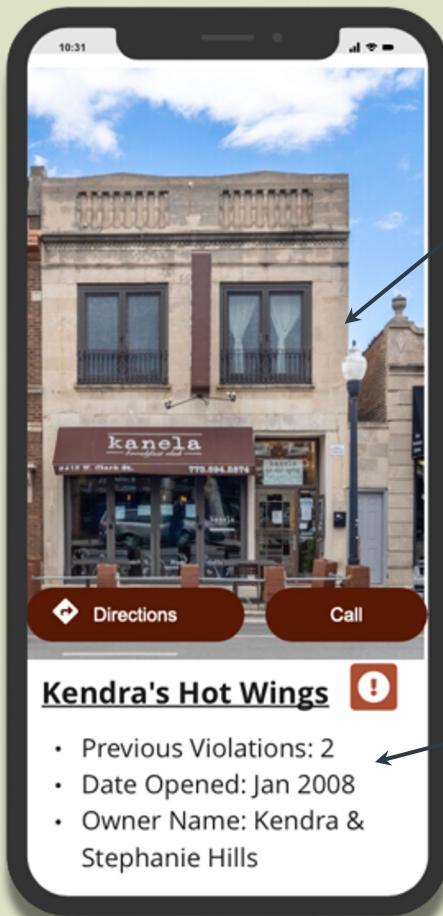


# APP INTERFACE



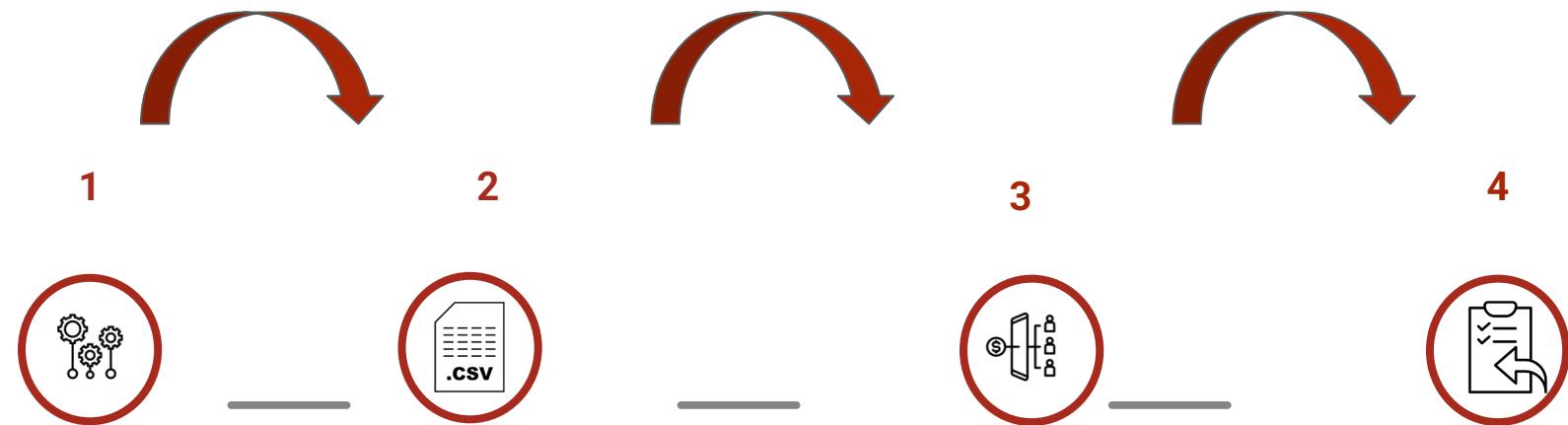
GPS & Contact Capabilities

Summary of Selected Establishment Info



Slide Show of Establishment Images

Establishment History



Additional Feature  
Engineering

Additional External Variables

Generate & Optimizing a  
Cost Benefits Relationship

Recommendations

# Thank You



KENDRA H. + STEPHANIE O.

