



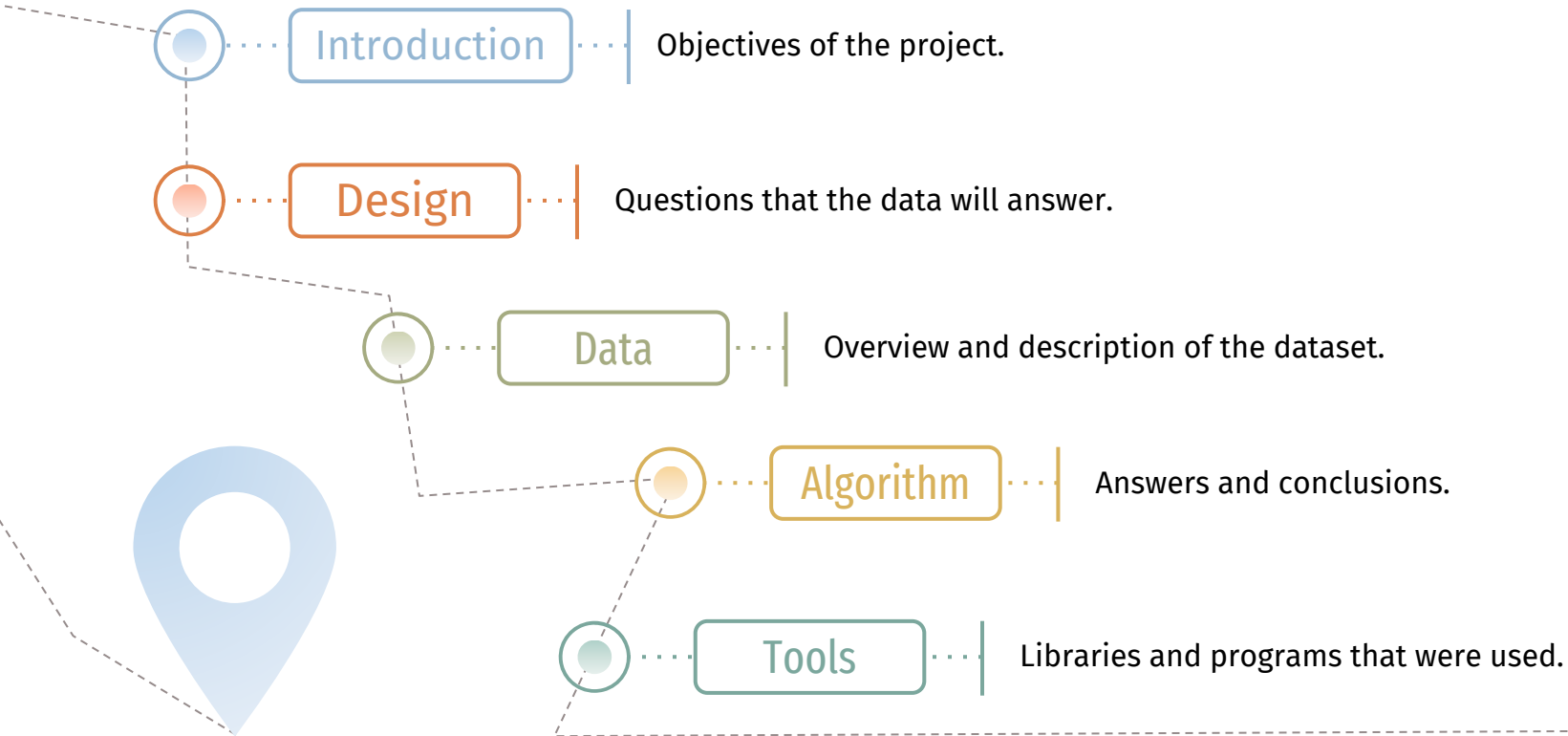
**SDAIA**  
الهيئة السعودية للبيانات  
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Saudi Data & AI Authority

# EDA for Restaurants and Cafes in Riyadh

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18 November, 2021



# Outlines



# Introduction

- ▶ With the number of places in Riyadh increasing, We wonder what attracts people ?
- ▶ This project aims to:
  - ▶ Explore the good areas places.
  - ▶ Find out what people like and prefer.



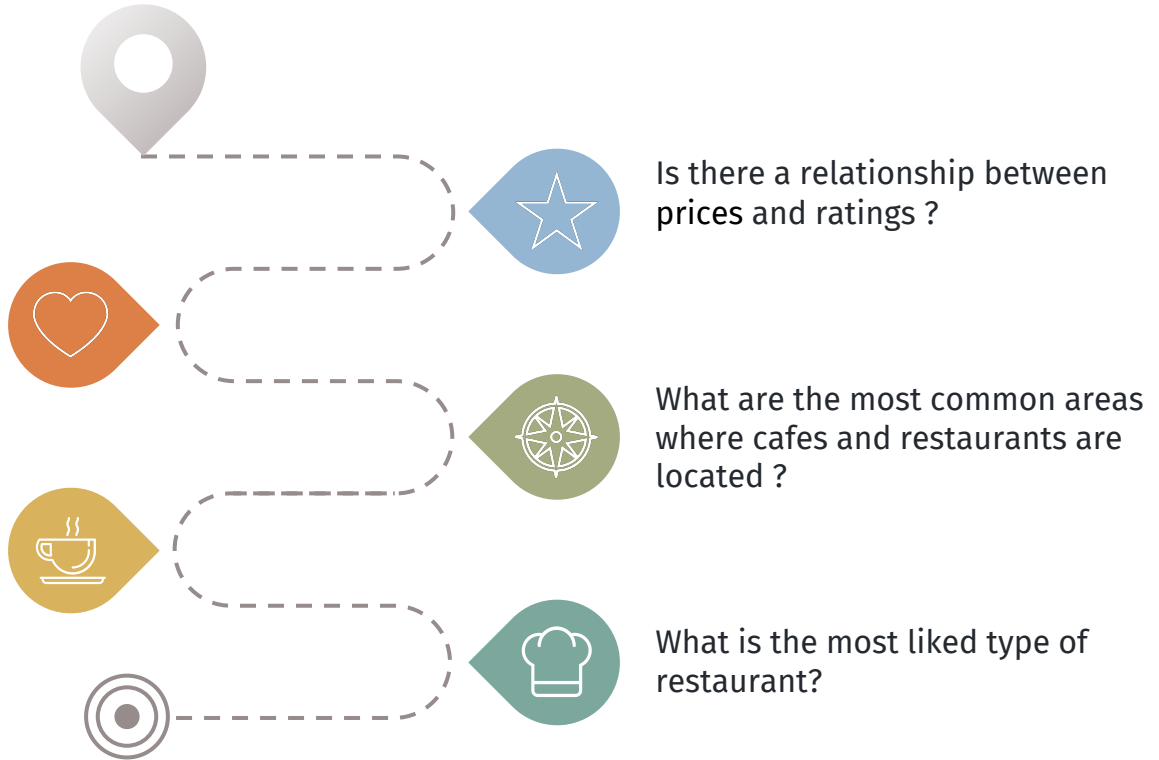


# Design

# Design

Does everyone who likes the place take a photo of it ?

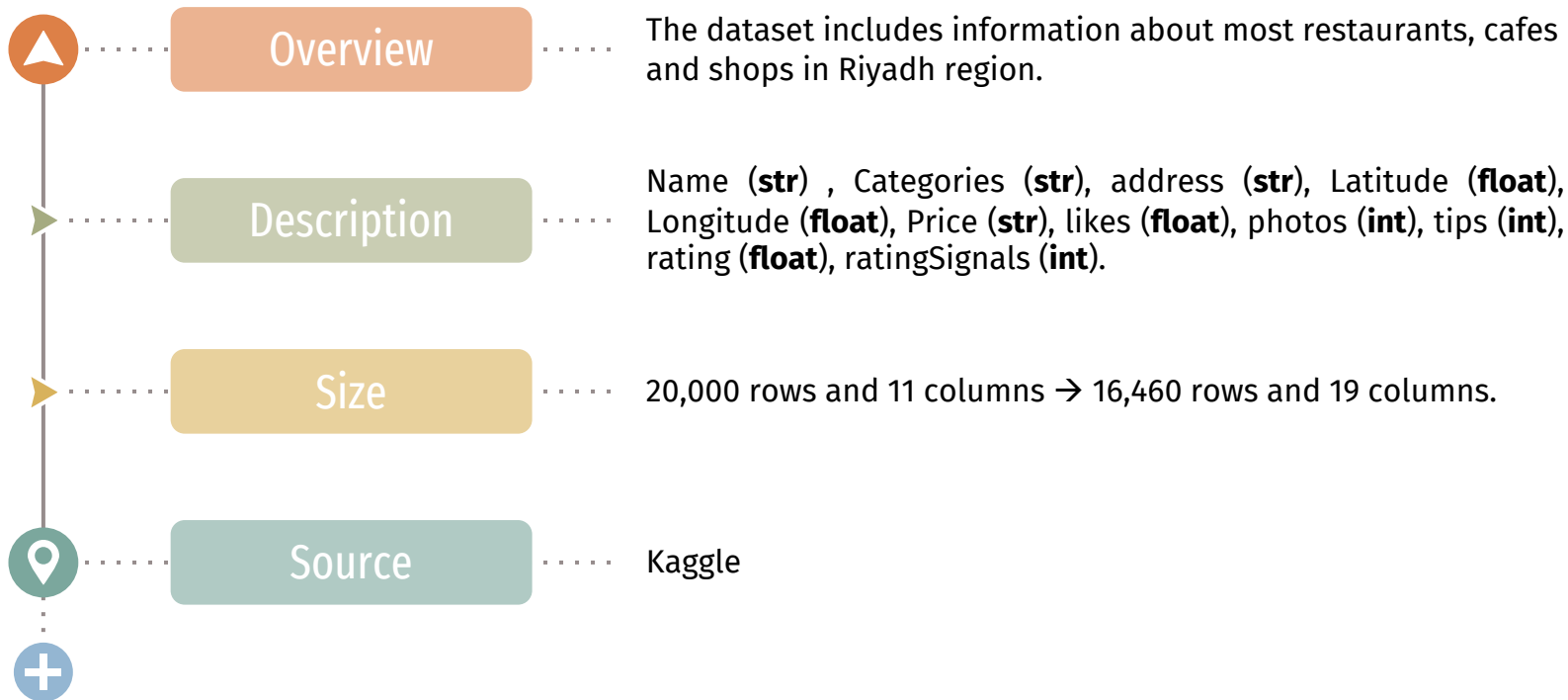
What is the ratio of restaurants, cafes and shops ?





Data

# Data



# Algorithms





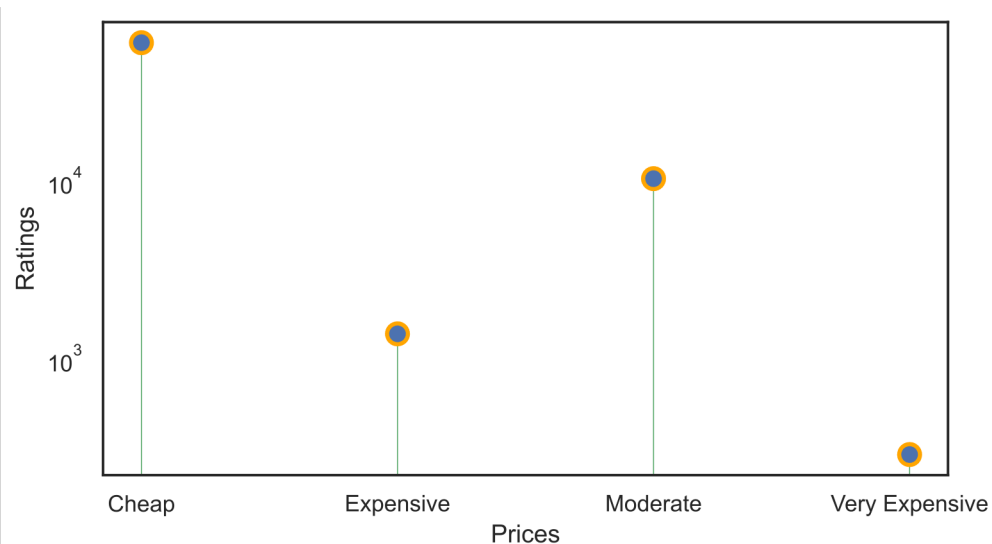


# Algorithms



Is there a relationship between prices and ratings ?

- ▶ The higher of the price, the lower of the rating.
- ▶ Negative correlation.



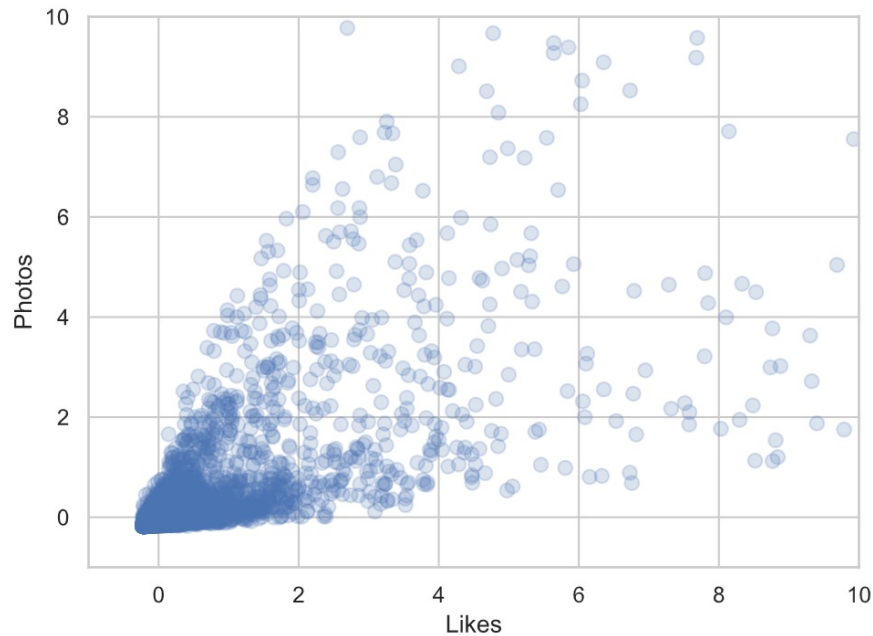


# Algorithms



Does everyone who likes the place take a photo of it ?

- The higher of the likes, the higher of the photos.
- Positive correlation.





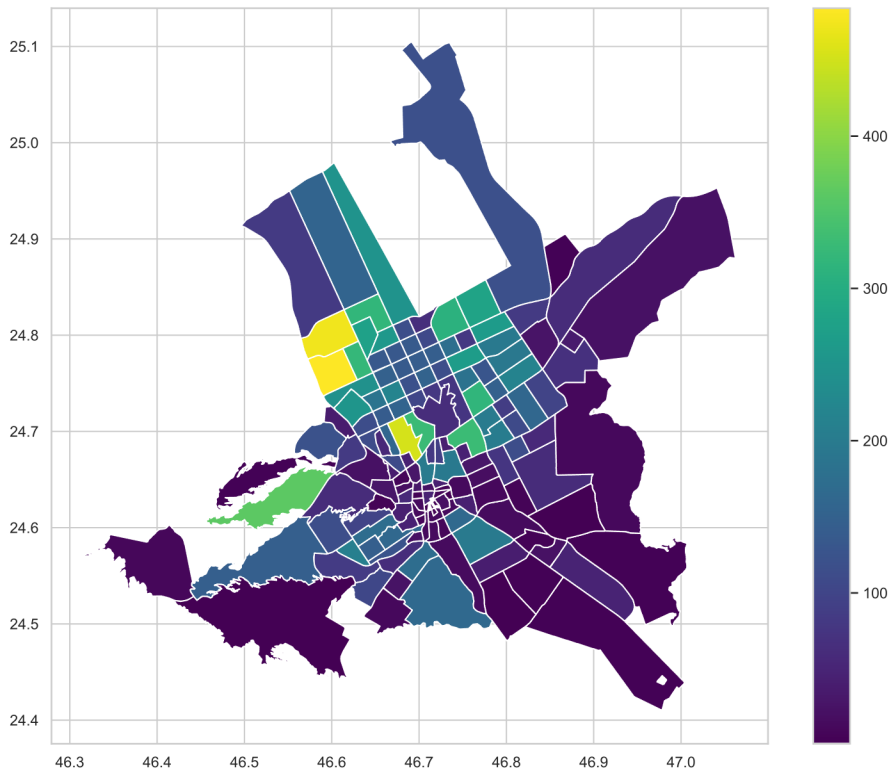
# Algorithms



What are the most common areas where cafes and restaurants are located ?



The brighter of the color, the more places there are in the area.





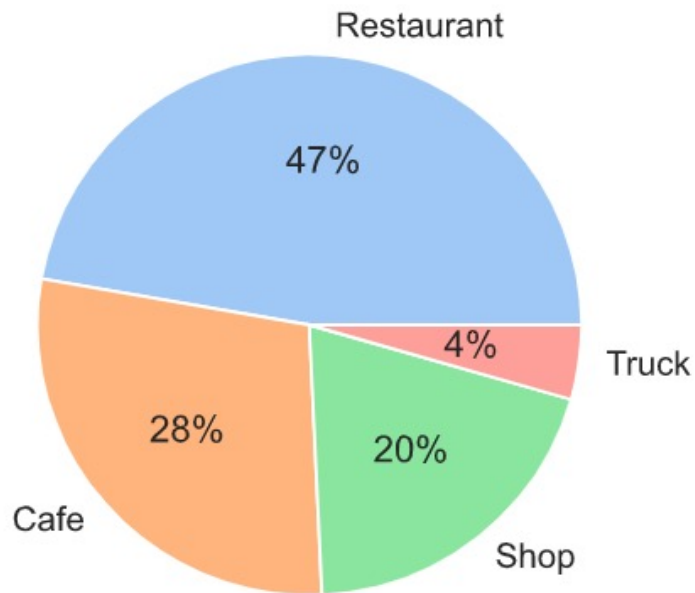
# Algorithms



What is the ratio of restaurants, cafes and shops ?



The ratio of **restaurants** more than cafes, and **cafes** more than shops, and **shops** more than food **trucks**.





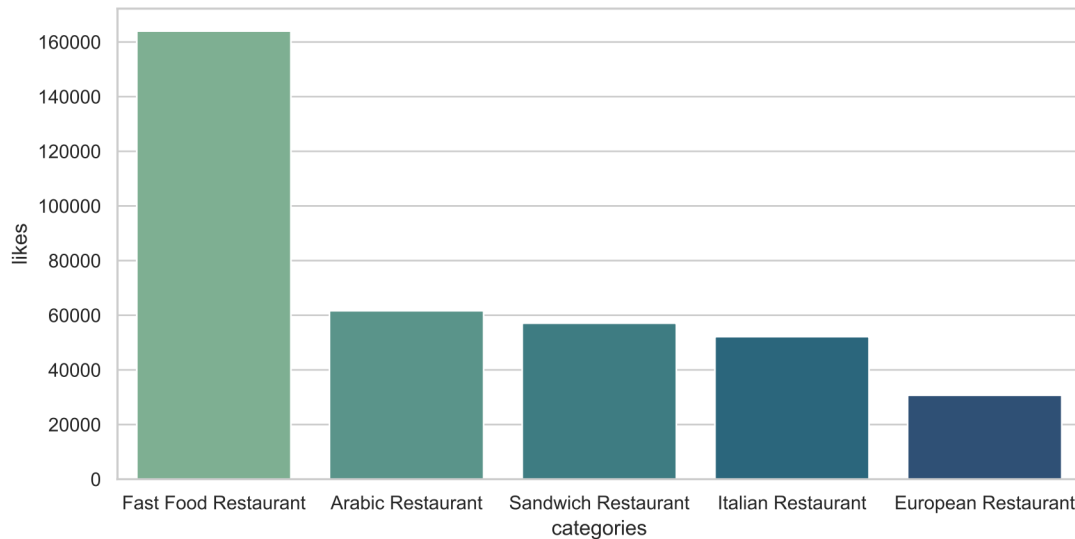
# Algorithms



What is the most liked type of restaurant ?



Top 5 types of restaurants liked by people.



# Conclusion

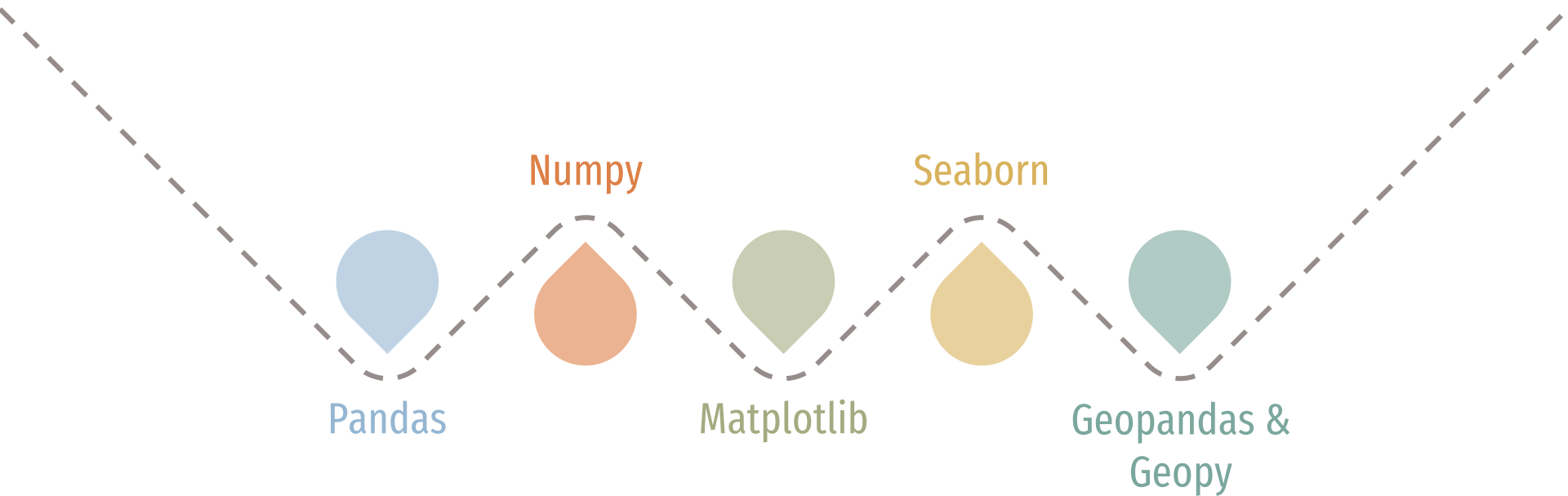
- Price People prefer places with low price.
- Likes People share photos of places they like.
- Area Most places in the central region.
- Types Most people prefer fast food.



# Tools



## Tools





A faint, stylized map of a city grid, likely New York City, serves as the background. The map is rendered in light blue and tan colors, showing the characteristic grid pattern of the city streets. The text "Thank you for listening" is overlaid on the left side of the map.

Thank you for listening