

# KU- rester

KU ក្លិនខ្មែរ By BounkBU





# Overview

# Motivation

On everyday, there will be someone come up with the question "วันนี้กินไรดี". so we want to collect the data and analyze the appropriate menu for user.



# Pain points



We usually waste about 5 to 10 minutes or even more, to discuss or to choose the restaurant we want to eat.

# Overall Architecture



**Form**



**Database**



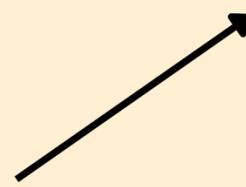
**Analyzed data**



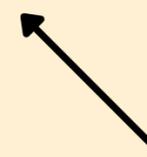
~~**Geolocation**~~



**Faculty**

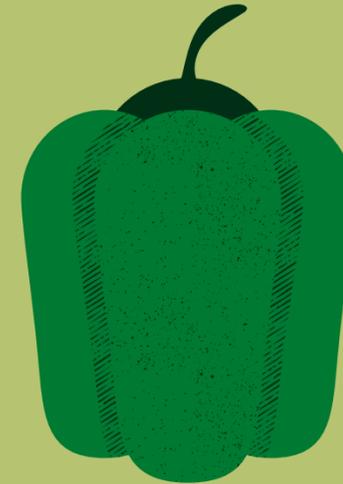
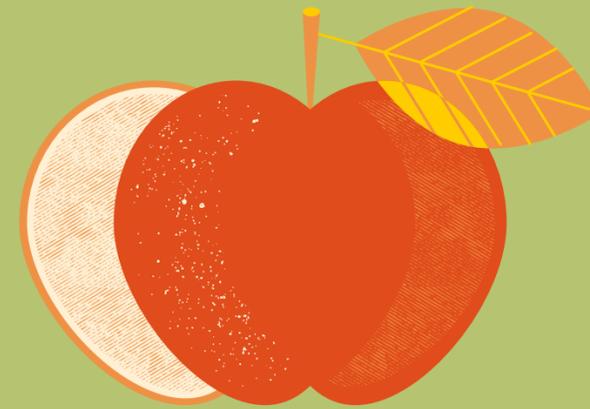


**Menu**



**Restaurant**

# Data sources & collection mechanisms



# Primary data source

**Form**





# Secondary data source



**Restaurant Data**

**Faculty Data**

**Menus**

# Database Schema



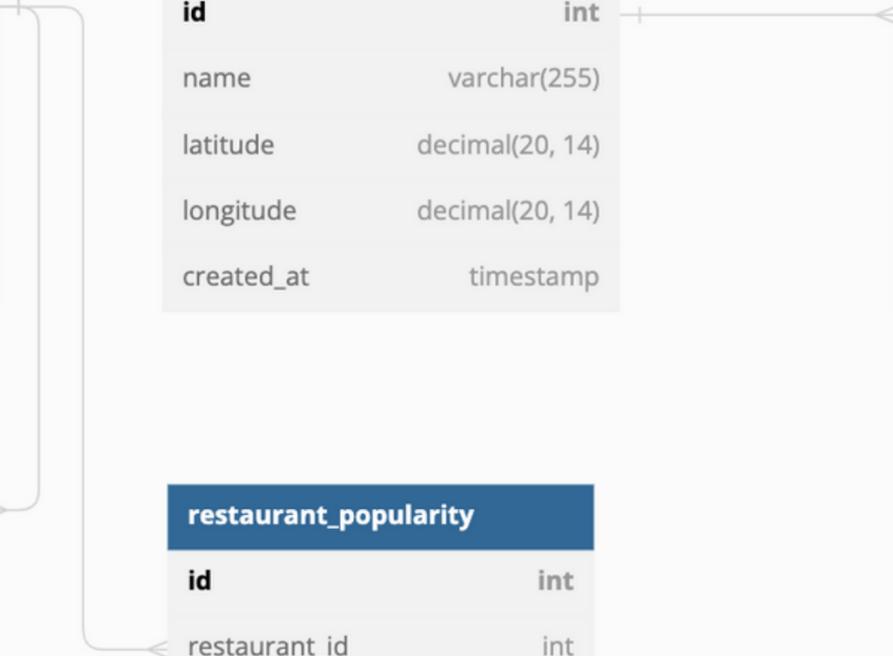
restaurant	
<b>id</b>	int
name	varchar(255)
latitude	decimal(20, 14)
longitude	decimal(20, 14)
created_at	timestamp

menu	
<b>id</b>	int
restaurant_id	int
name	varchar(255)
type	varchar(255)
price	float
is_spicy	bool
created_at	timestamp

faculty	
<b>id</b>	int
name	varchar(255)
latitude	decimal(20, 14)
longitude	decimal(20, 14)
created_at	timestamp

restaurant_popularity	
<b>id</b>	int
restaurant_id	int
popularity	int

form	
<b>id</b>	int
faculty_id	int
type	varchar(255)
price	float
is_spicy	bool
created_at	timestamp



# Data Sharing API



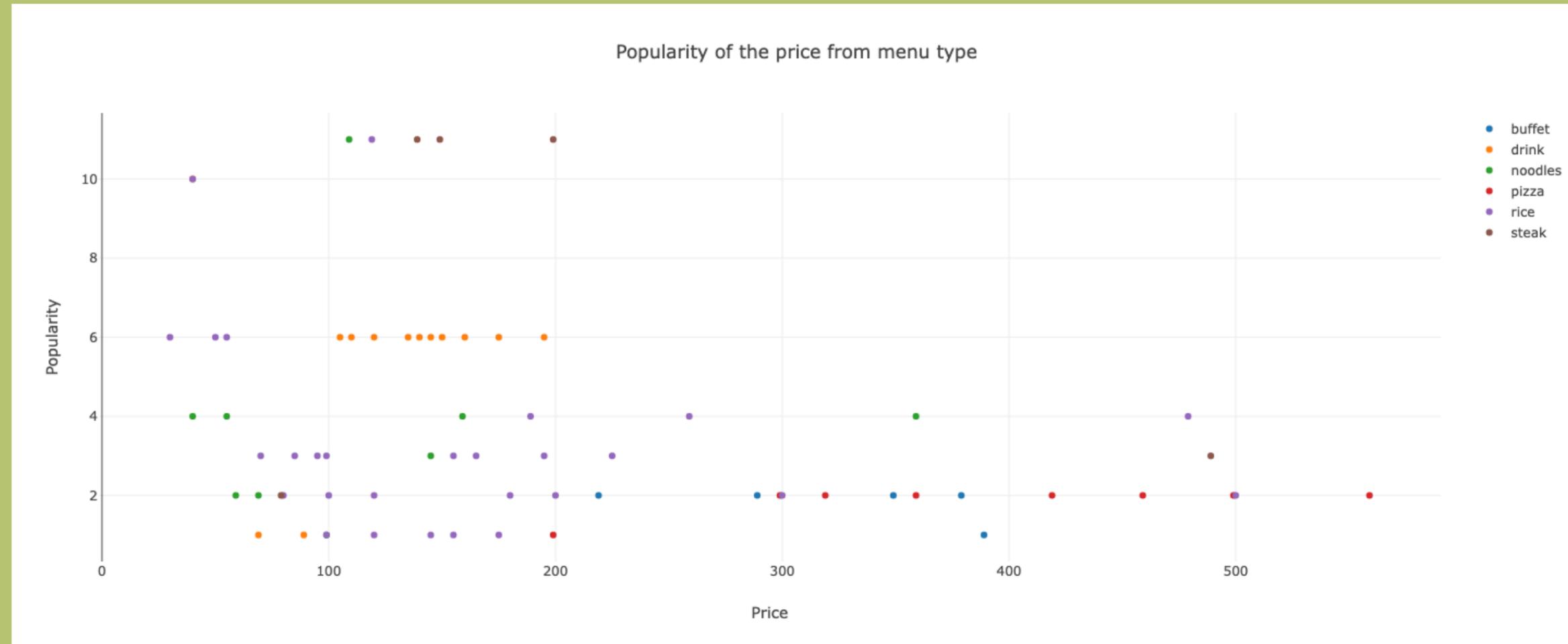
# **Data visualization**



# Popularity from the average menu price of the restaurant



# Popularity of the price from each menu type



# DEMONSTRATION



1:17



Your Area:

Faculty of Science

Food Type:

Rice

Spicyness:

Spicy

Not Spicy

Max Price: 200฿

Slider control for Max Price

SUBMIT

1:17



### Recommended Menu



Menu: Seafood with Basil Rice  
Price: 165฿  
From: เชียง

### Nearest Restaurants

XYZT cafe & co-working space	Starbucks (Faculty of Science KU)	บาริสต้า
42.80m	84.56m	181.3

\*\* Please considered choose your favourite restuarant and submit