BOBA SHOP

DATABASE

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BACKGROUND OF THE PROJECT

In response to the growing popularity of boba, matcha, and milk tea beverages, this project aims to develop a database system.

- Menu items & prices
- Search functionality & filtering
- Informed decision-making

:3

BOBA SHOPS

DING TEA

FAT STRAWS

FENG CHA

HIS TEA

JUNBI

TEA DADDY

TP TEA

METHODS

I. DATA COLLECTION

★ Python (webscraping)

★ Beautiful Soup

★ 3/7 boba shops

2. DATABASE CREATION

★ Postgre SQL

★ 2 tables

★ Import CSVs

Table 1 (Menu): <u>ID</u>, Shop Name, Shop Address, Item Category, Item Name, Item Size, Item Cost

Table 2 (Shops): <u>Shop Name</u>, Shop Address

METHODS

UI

★ fluidRow()

★ selectInput()

★ Filter data

SERVER

★ Connects to DB

★ User selection

★ Dynamic data table

https://christinalam.shinyapps.io/bobashiny/