



DEP DASHBOARD

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Section A (BTech C.E.)

Dataset Used: indian_food.csv

for **Dr. Raj Gaurav Mishra**

Mean Cooking Time

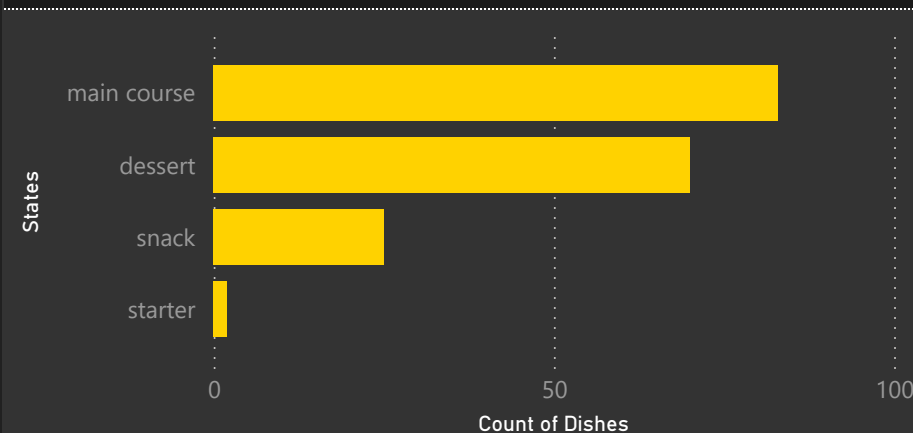
40.37

Mean Preparation Time

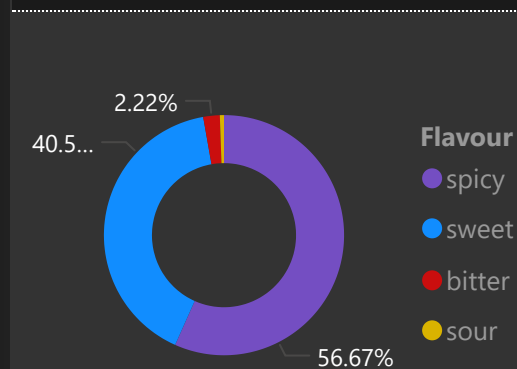
30.71

Mean Total Time

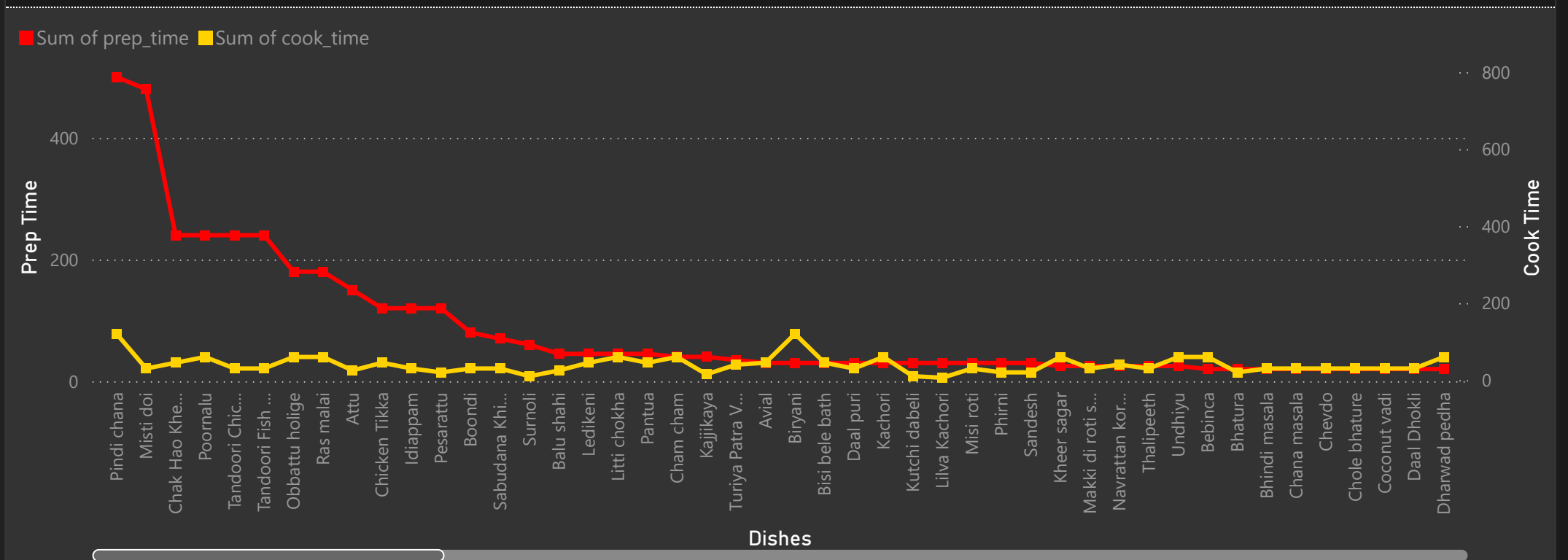
Count of Dishes by Course



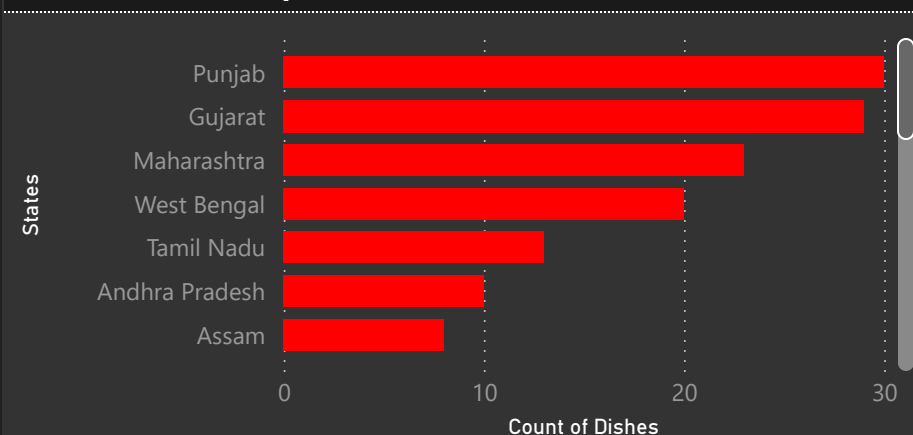
Percentage Share By Flavour



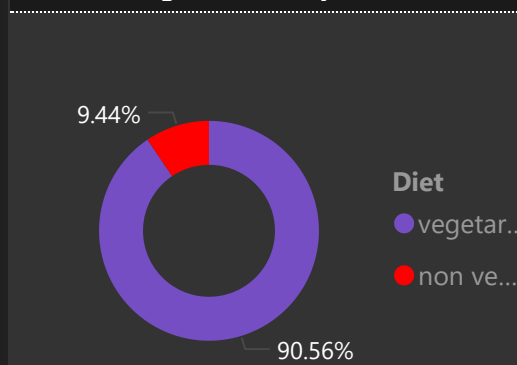
Prep Time & Cook Time by Dishes



Count of Dishes by State

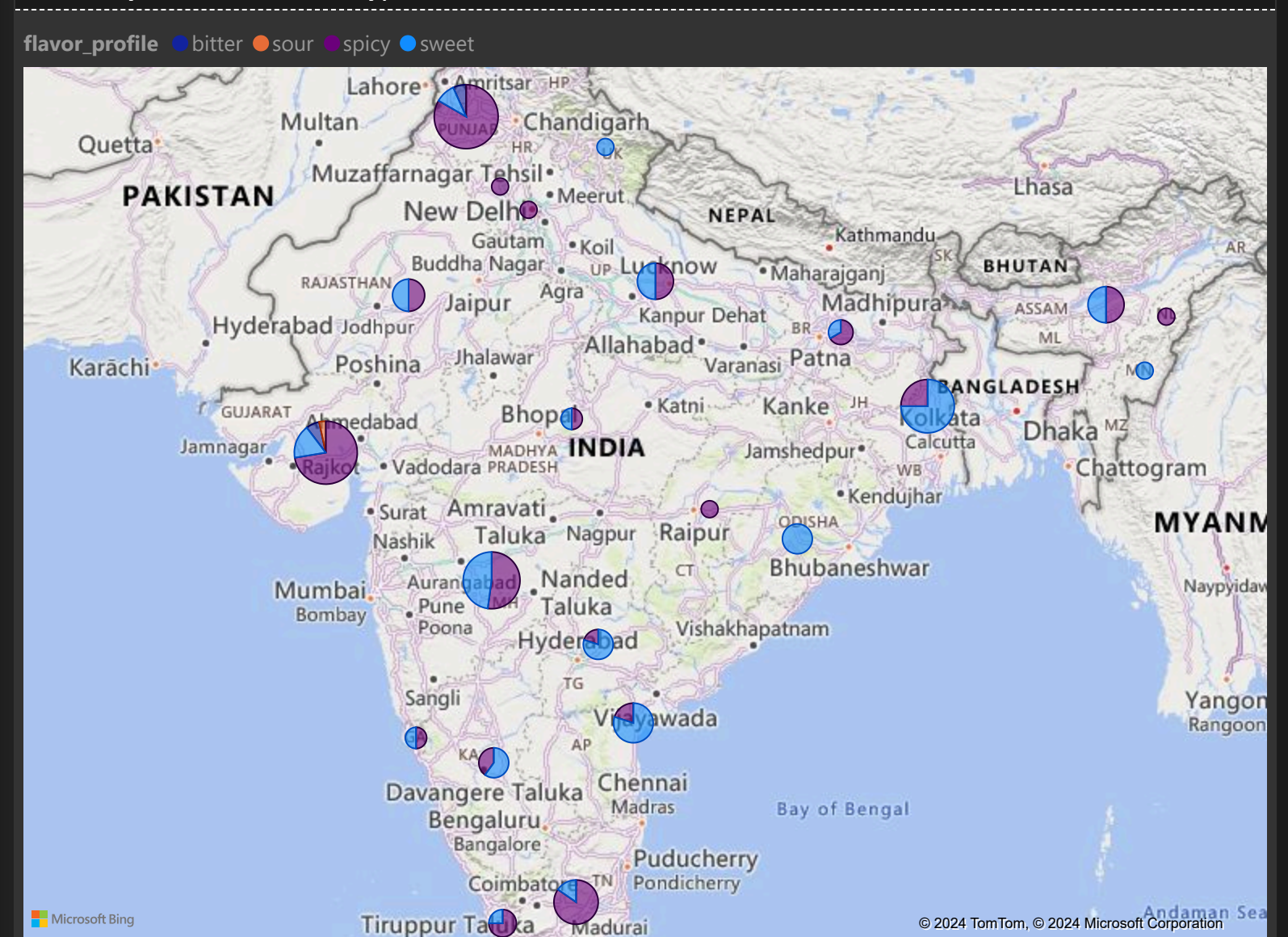


Percentage Share by Diet

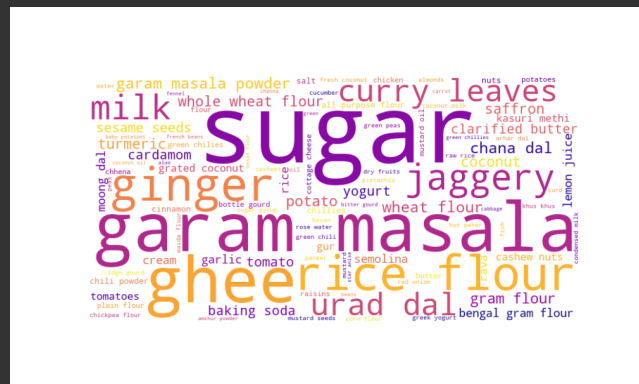


Filter By State

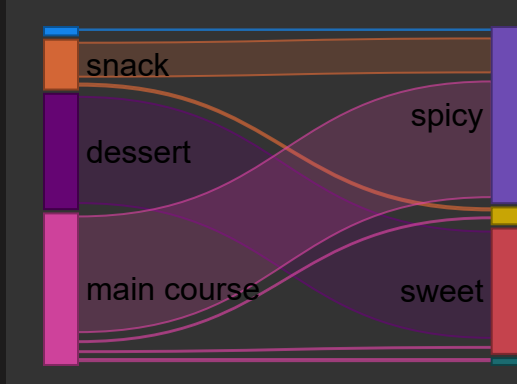
Dishes by State and Flavor Type



Most Frequent Ingredients



Sankey Chart



Indian Food Analysis

DATA TRANSFORMATION:

1. Data Cleaning

Example:

Removal of '-1' from the dataset.

2. Importing data and creating various measures by data transformation.

Example:

Average Cook Time, Average Prep Time
Count of Dishes.



3. Creating new columns based on previous columns.

Example:

Total Time from Cook Time and Prep Time.



```
1 total_time = (indian_food  
  [cook_time]+indian_food  
  [prep_time])
```

Data >

Search

indian_food

☐ Average Cook T...

☐ Average Cookin...

☐ Average Prep Ti...

☐ Average Prepar...

☐ Average Total Ti...

☐ Σ cook_time

☐ Count of Dishes

☐ course

☐ diet

☐ flavor_profile

☐ ingredients

☐ name

☐ Σ prep_time

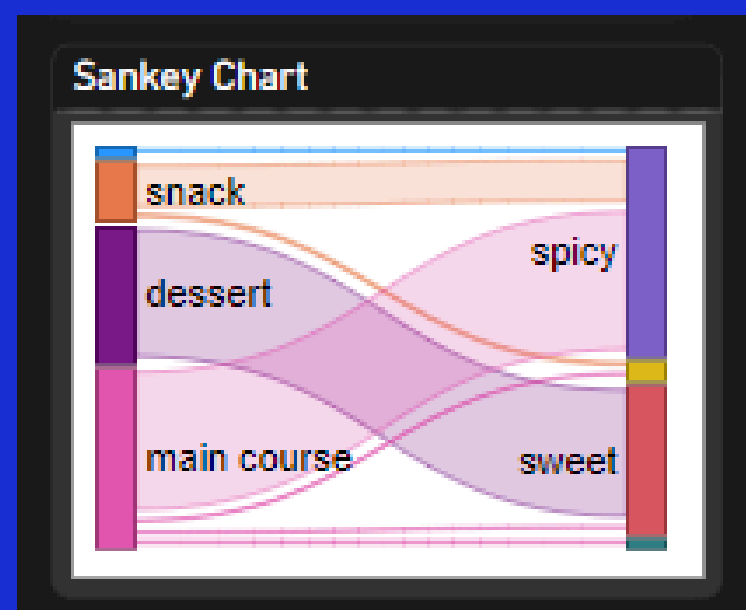
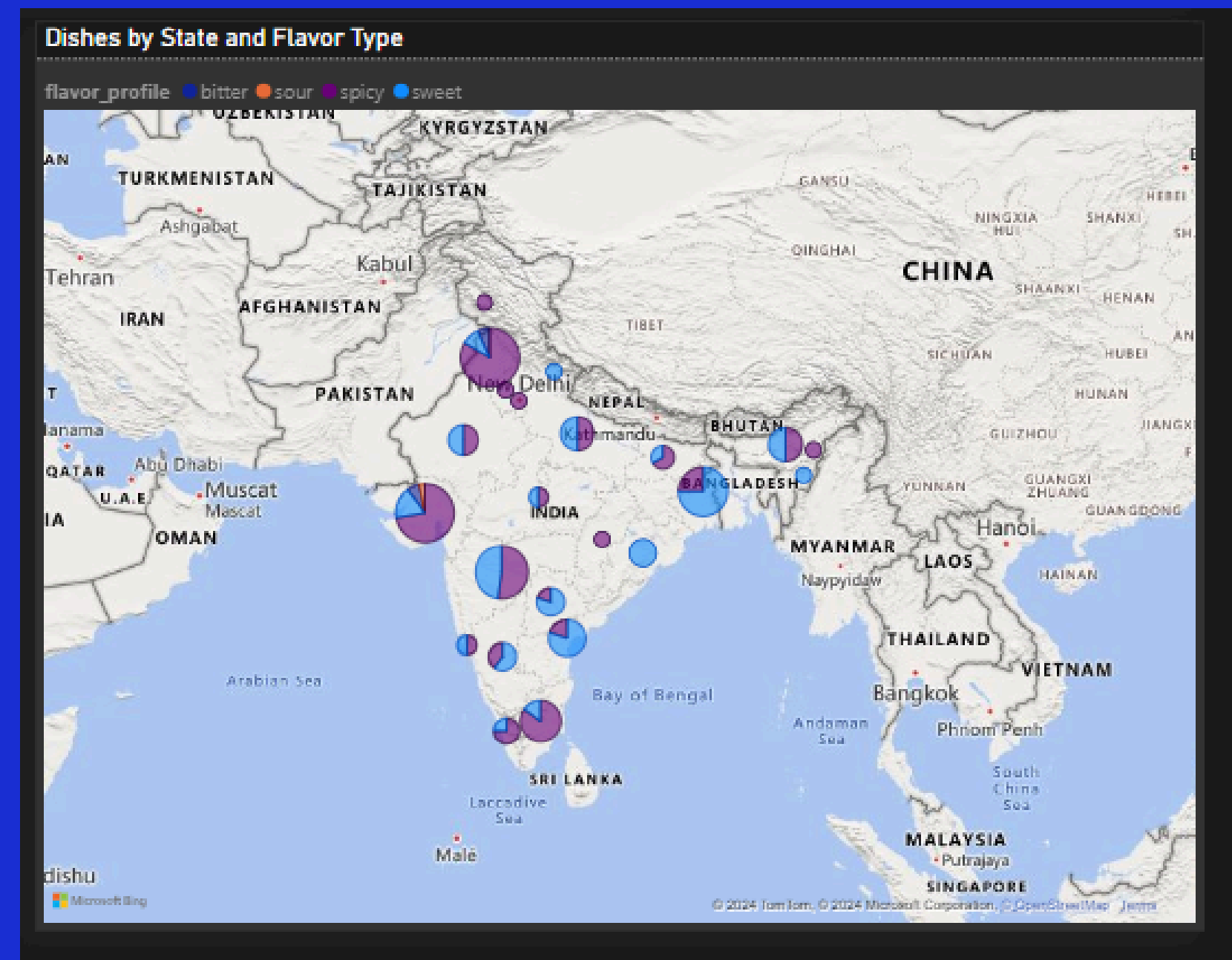
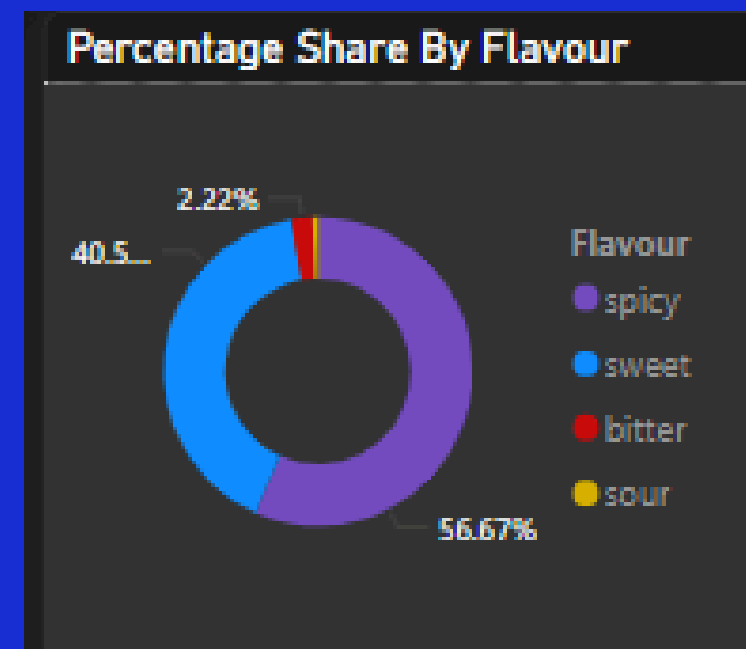
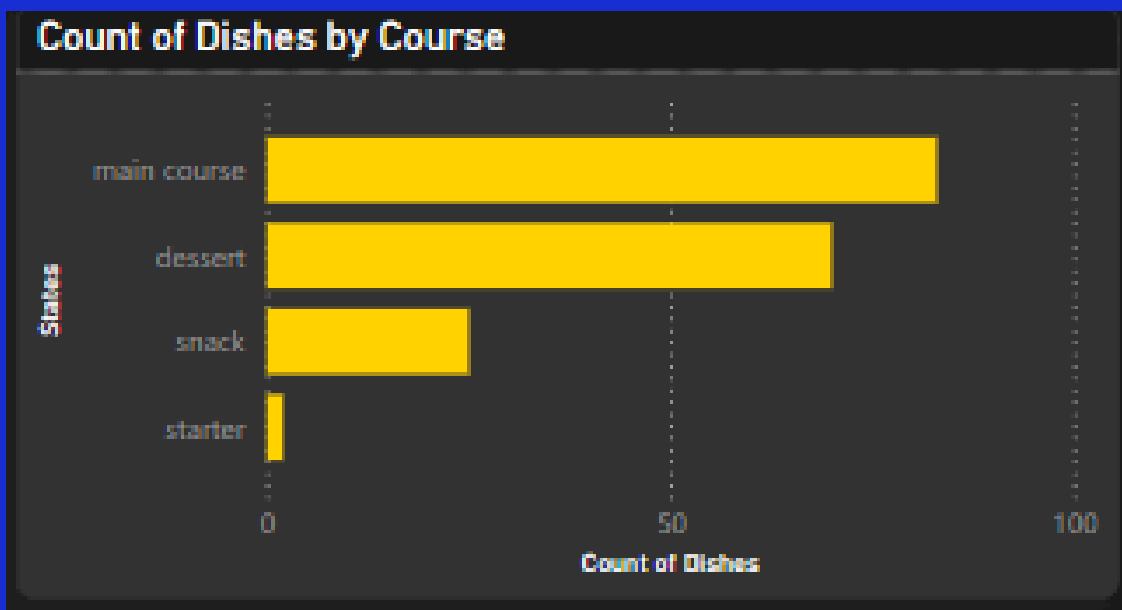
☐ region

☒ state

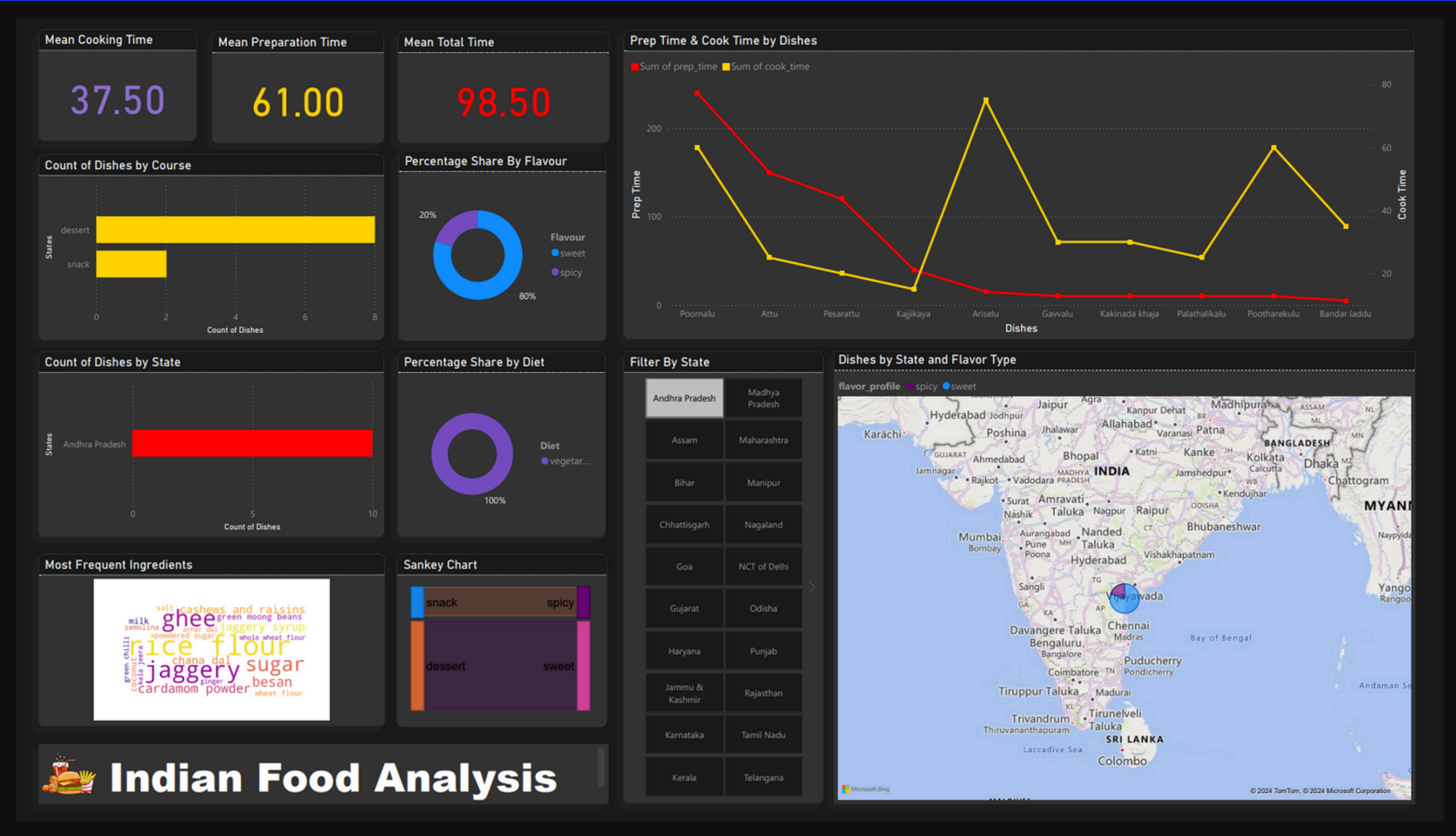
☐ total_time

DATA VISUALIZATION:

Used various in-built and python made visuals to get useful insights, these plots and graphs include sankey chart, wordcloud (python visual), stacked column charts, map visuals, ring chart etc.



INTERACTION:



Added slicers to interact and filter the visualizations by states. User can also filter by selecting a particular value from any of the charts, all charts will update according to that.