Project Development Phase
Model Performance Test

Date	29 October 2023
Team ID	PNT2022TMIDxxxxxx
Project Name	Project – Indian Food EDA
Maximum Marks	10 Marks

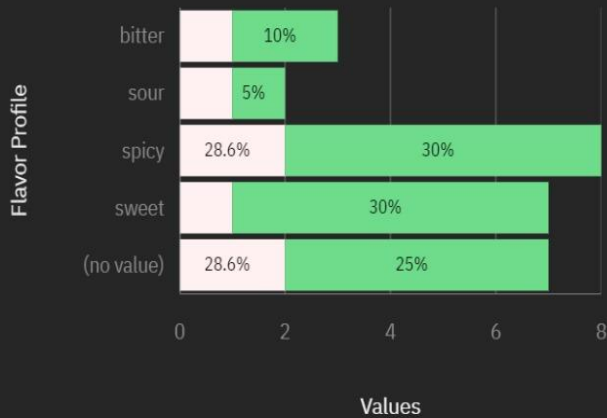**Model Performance Testing:**

Dashboard design:
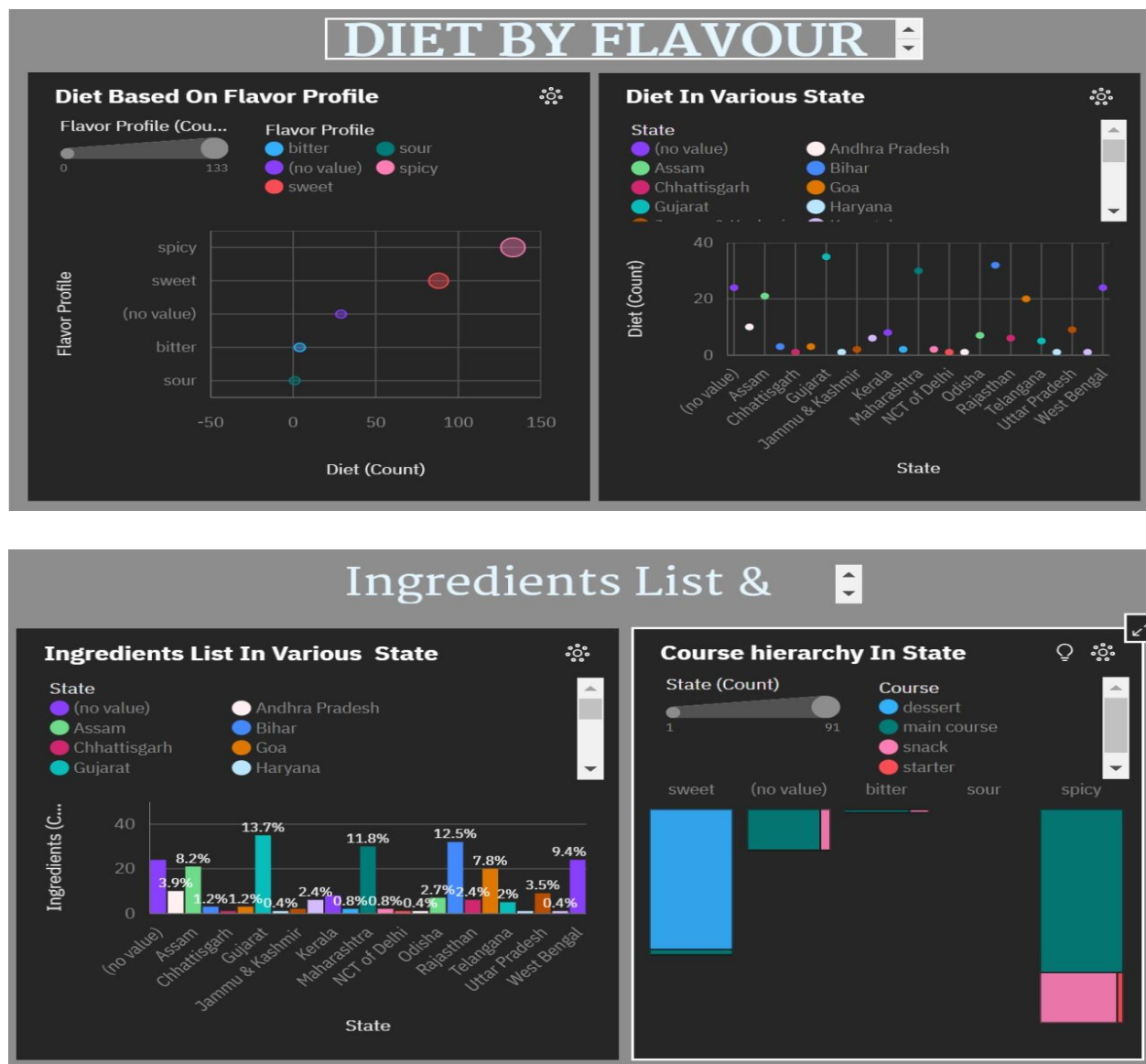
Region Based Flavor

Flavor Profile By Diet and Region

Measures
- Diet
- Region

Flavor Profile (y-axis) vs **Values** (x-axis)

Flavor Profile	Diet	Region
bitter		10%
sour		5%
spicy	28.6%	30%
sweet		30%
(no value)	28.6%	25%

x-axis: 0, 2, 4, 6, 8

Ingredients List In Region

Ingredients (Coun... 3 — 73

Region
- (no value)
- Central
- East
- North

Circles: E..., West, South, N..., North

Course, Flav

Flavor Profile by Name

Name (Count) 1 — 1

Flavor Profile
- (no value)
- bitter
- sour
- spicy

x-axis: (no value), bitter, sour, spicy, sweet

Name by Course

x-axis: dessert, main course, snack, starter

Course by Flavor Profile

Course
- dessert
- main course
- snack

x-axis: dessert, main course, snack, starter

Descriptive Reports:

Exploring the Richness of Indian Cuisine

Variety in Indian Cuisine

Adhirasam
Bebinca
Chakali
Chole bhature
Doodhpak
Gulab jamun
Kaju katli
Kheer sagar
Kumol Sawul
Mag Dhokli
Mushroom matar
Paniyaram
Pinaca
Ras malai
Shahi paneer
Thalipeeth

Diet Diversity in Indian Food

Diet
● non vegetarian ● vegetarian

7,395

57,630

Regional Dish Distribution in India

COUNT

10,000 | 8,000 | 6,000 | 4,000 | 2,000 | 0

Andhra Pradesh, Assam, Bihar, Chhattisgarh, Goa, Gujarat, Haryana, Jammu & Kashmir, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Manipur, NCT of Delhi, Nagaland, Odisha, Punjab, Rajasthan, Tamil Nadu, Telangana, Tripura, Uttar Pradesh, Uttarakhand, West Bengal

Course Preference Across Regions

COUNT
510   32,895

main course

dessert

snack

Flavor Profile Insights

COUNT
255   33,915

Flavor Profile
● bitter ● sour ● spicy
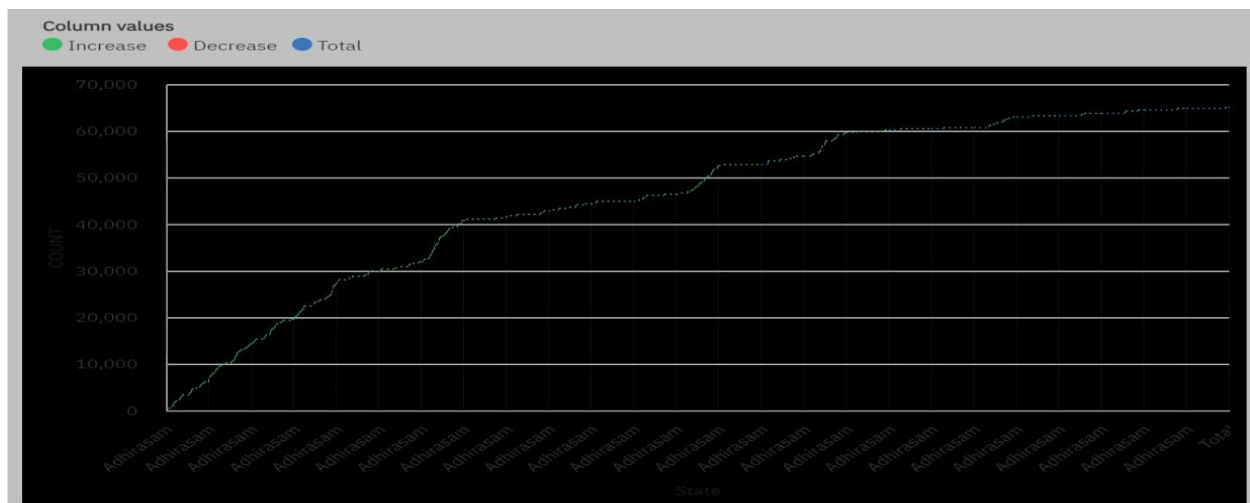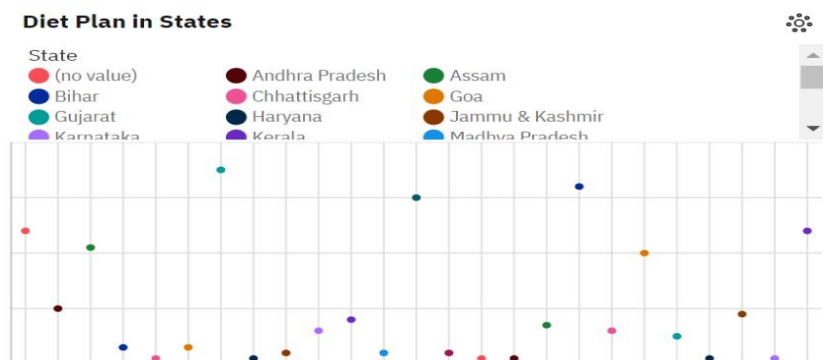● sweet ●

spicy

sweet

Effective User Story:

Indian Food

Diet Plan In Different

- Gujarat is the most frequently occurring category of State with

Diet Plan in States

State
- (no value)   • Andhra Pradesh   • Assam
- Bihar   • Chhattisgarh   • Goa
- Gujarat   • Haryana   • Jammu & Kashmir
- Karnataka   • Kerala   • Madhya Pradesh

Ingredients Variety In Various States

- Gujarat (13.7 %), Punjab (12.5 %), and Maharashtra (11.8 %) are the most frequently

Ingredients by State
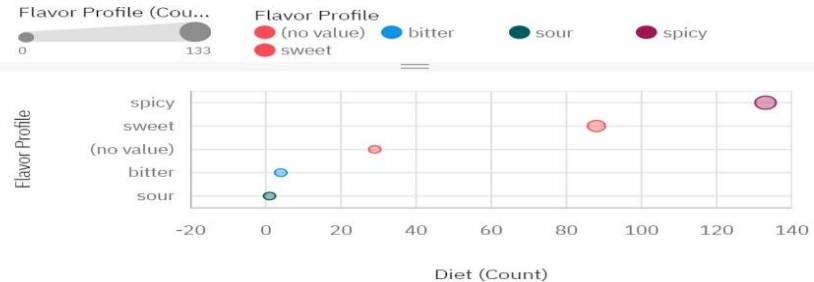
State
- (no value)
- Andhra Pradesh
- Assam
- Bihar
- Chhattisgarh
- Goa
- Gujarat
- Haryana
- Jammu & Kashmir
- Karnataka
- Kerala
- Madhya Pradesh

40

20

0

9.4% 3.9% 8.2% 1.2% 1.2% 0.4% 2.4% 0.8% 0.8% 0.4% 13.7% 11.8% 12.5% 2.4% 7.8% 2% 3.5% 0.4% 9.4%

(no va... Chhattisg... Jammu &... Maharash... Odisha Telangana We...
Assam Gujarat Kerala NCT of De... Rajasthan Uttar Pra...

Ingredients ...
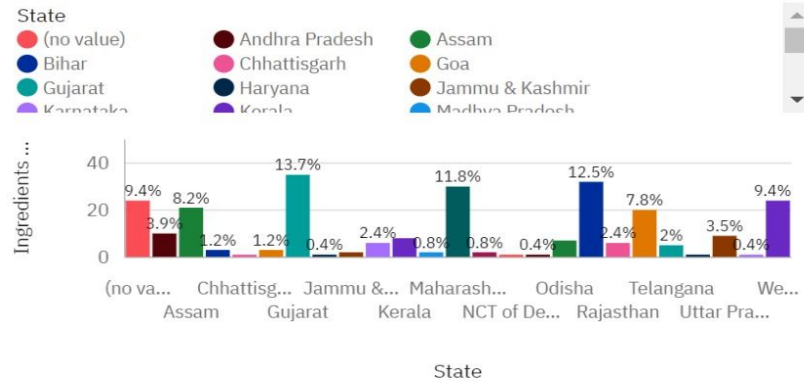
State

Flavor Variety

- Flavor Profile spicy Diet from Region West is 41, whereas sweet is only 23.

- Flavor

Flavor Profile In Diet

Flavor Profile (Cou...
0   133

Flavor Profile
- (no value)
- bitter
- sour
- spicy
- sweet

spicy
sweet
(no value)
bitter
sour

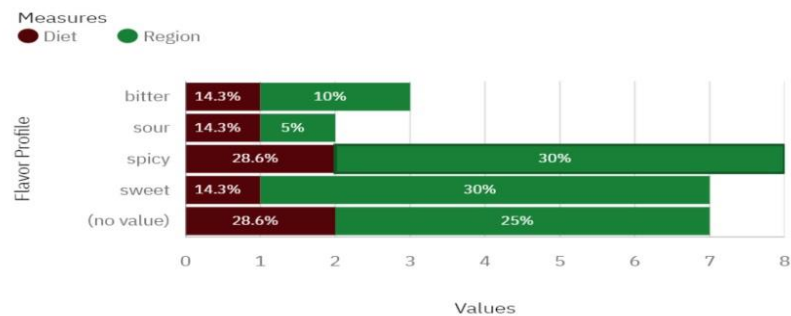-20   0   20   40   60   80   100   120   140

Flavor Profile

Diet (Count)

Flavor In Various Regions

- Flavor Profile spicy has the highest values of both Diet and Region.

- State Gujarat has the highest Diet at 5, out of which Flavor Profile bitter contributed
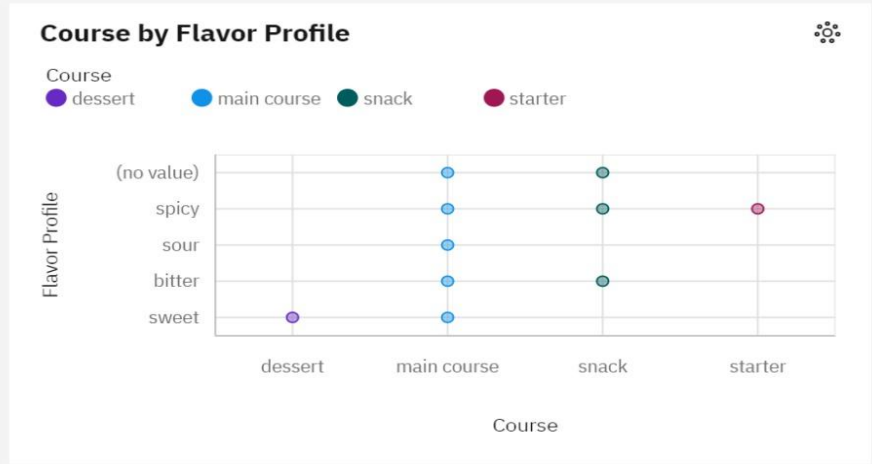
Region by Flavor Profile

Measures
- Diet
- Region

bitter   14.3%   10%
sour   14.3%   5%
spicy   28.6%   30%
sweet   14.3%   30%
(no value)   28.6%   25%

0   1   2   3   4   5   6   7   8

Flavor Profile

Values

Course Variety

- Course main course has the highest COUNT at almost 33 thousand, out of which Flavor Profile spicy contributed the most at

Course by Flavor Profile

Course
- dessert
- main course
- snack
- starter

Flavor Profile (y-axis): (no value), spicy, sour, bitter, sweet

Course (x-axis): dessert, main course, snack, starter

Dishes

- Main course (50.6 %) and dessert (33.3 %) are the most frequently occurring categories of Course with a combined count of 214 items with Name

Name by Course

Name (Count distinct) — y-axis

Course (x-axis): dessert, main course, snack, starter