Comprehensive Industry Use case: Exploratory Data Analysis

Indian cuisine consists of a variety of regional and traditional cuisines native to the Indian subcontinent. Given the diversity in soil, climate, culture, ethnic groups, and occupations, these cuisines vary substantially and use locally available spices, herbs, vegetables, and fruits. Indian food is also heavily influenced by religion, particularly Hinduism, cultural choices and traditions.

This dataset consists of information about various Indian dishes, their ingredients, their place of origin, etc.

Column Description:

name: name of the dish

ingredients: main ingredients used

diet: type of diet - either vegetarian or non-vegetarian

prep time: preparation time

cook time: cooking time

flavor profile: flavor profile includes whether the dish is spicy, sweet, bitter, etc.

course: course of meal - starter, main course, dessert, etc.

state: state where the dish is famous or is originated

region: region where the state belongs

The presence of -1 in any of the columns indicates NaN value.

KPIs:

- Visualize the preferred flavors of Indian dishes by customers using a Bar graph
- Visualize the preferred flavors of Indian dishes by customers using a Pie chart
- Visualize the top 10 most requested meals
- Visualize the total vegan and non-vegan orders by different regions

Note: It is essential for candidates to prepare a report of the insights generated from the visualizations and how these insights can help any restaurant in making informed data driven decisions.