# McDonald's Menu Nutrition Analysis

#### Project Scope:

This project is initiated to analyze the Nutritious vegetarian Menu at McDonald's restaurant. The documentation of the project starts with the project's scope, followed by objective of the project, Data sourced Platform, Data Cleaning process and finally the analysis results and Insights.

#### Objective:

The objective of the project is to identify Foods from McDonald's menu which is optimal to be consumed during a diet. The analysis should display Vegetarian food items with high Macro Nutrition profile.

#### Data Source:

The source of the data used in the project is fetched from Kaggle, However, this data is directly sourced from the McDonald's India page and the facts are completely reliable

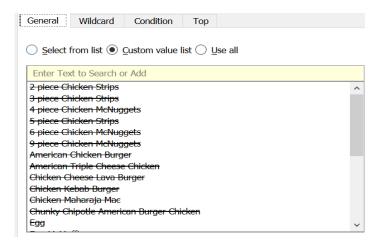
#### **Data Exploration:**

Based on the initial exploration, it is clear that the Dataset has records of 141 Food Items from McDonald's Menu 12 unique records about the item which covers 11 Nutritional fact about the food item and all the fields got appropriate Data type.



### **Data Cleaning**

- As the outcome of the Analysis focuses only on Vegetarian menu, removing Non-Vegetarian Menu from the Dataset. And, as checked the McDonald's India site, the McDonald's outlet in India offers only Chicken and Eggs in non veg category.



- A calculated field of percentage has been created to find the relative percentage of the nutrition from the overall Calories of the Food.

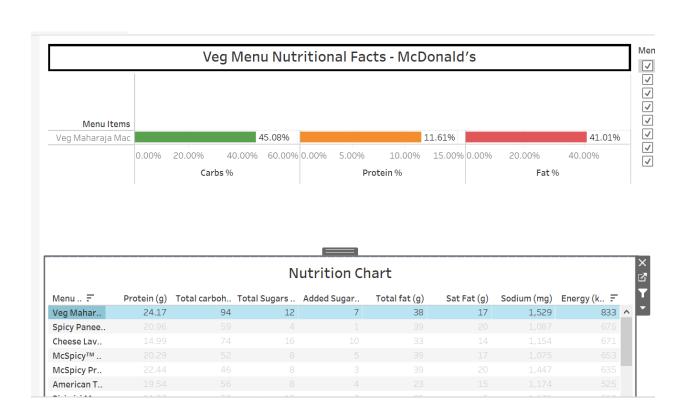


## Insights:

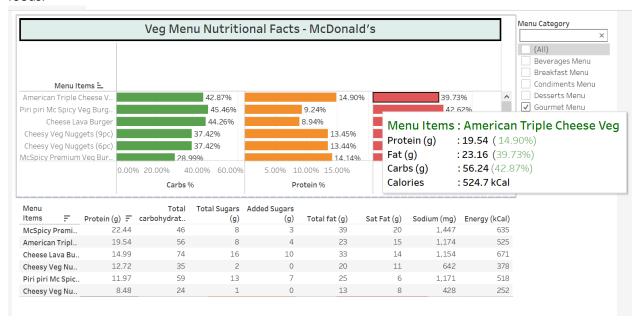
- From the below chart we can see that Veg Maharaja Mac is the richest in protein and high caloric food out of all the items. However, from the second chard we can see that the Veg Maharaj Mac Burger has only 11% of protein and has 40% of Fat.

#### **Nutrition Chart**

Menu =	ein (g)	Total carbohydr	Total Sugars (g)	Added Sugars (g)	Total fat (g)	Sat Fat (g)	Sodium (mg)	Energy (kCal)
Veg Mahar	24.17	94	12	7	38	17	1,529	833
Spicy Panee	. 20.96	59	4	1	39	20	1,087	675
Cheese Lav	14.99	74	16	10	33	14	1,154	671
McSpicy™	20.29	52	8	5	39	17	1,075	653
McSpicy Pr	22.44	46	8	3	39	20	1,447	635
American T	19.54	56	8	4	23	15	1,174	525
Piri piri Mc	11.97	59	13	7	25	6	1,171	518
American V.	15.3	57	8	5	23	11	1,051	512
Chocolate O	. 6.03	73	55	44	19	16	333	481
Large Fries	6.76	54	1	0	21	10	306	449
Hot Cake wi.	. 8.6	68	26	14	14	7	616	433
Medium Bla	. 5.42	79	48	35	10	6	188	430
McVeggie™	. 10.24	57	8	4	14	5	706	402
American M.	. 5.67	65	53	34	13	11	186	398
Mocha Frap.	. 5.49	61	48	37	15	14	233	398
Large Wedg	. 7.53	54	1	0	14	6	675	388
Hot Chocola	. 11.01	58	48	24	13	9	273	383
Cheesy Veg	. 12.72	35	2	0	20	11	642	378
Green Chilli	. 7.91	46	5	1	15	6	580	356



 Further Analysis reveals that the American Triple Cheese Veg burger in the Gourmet Menu has good amount of protein and comparatively less in Fat and overall Calories than most of the foods.



- For a filling meal, A burger with a low calorie or low sugar beverage or breakfast menu can be suitable option to stay under the maintenance calorie throughout the day

