

# Power BI Projects

Welcome to my Power BI Projects repository! Here, you'll find a collection of eight different Power BI dashboards that I've created, each focusing on a unique aspect of data visualization and analysis. These projects were developed using real-time data extracted from surveys and other datasets.

## End Project

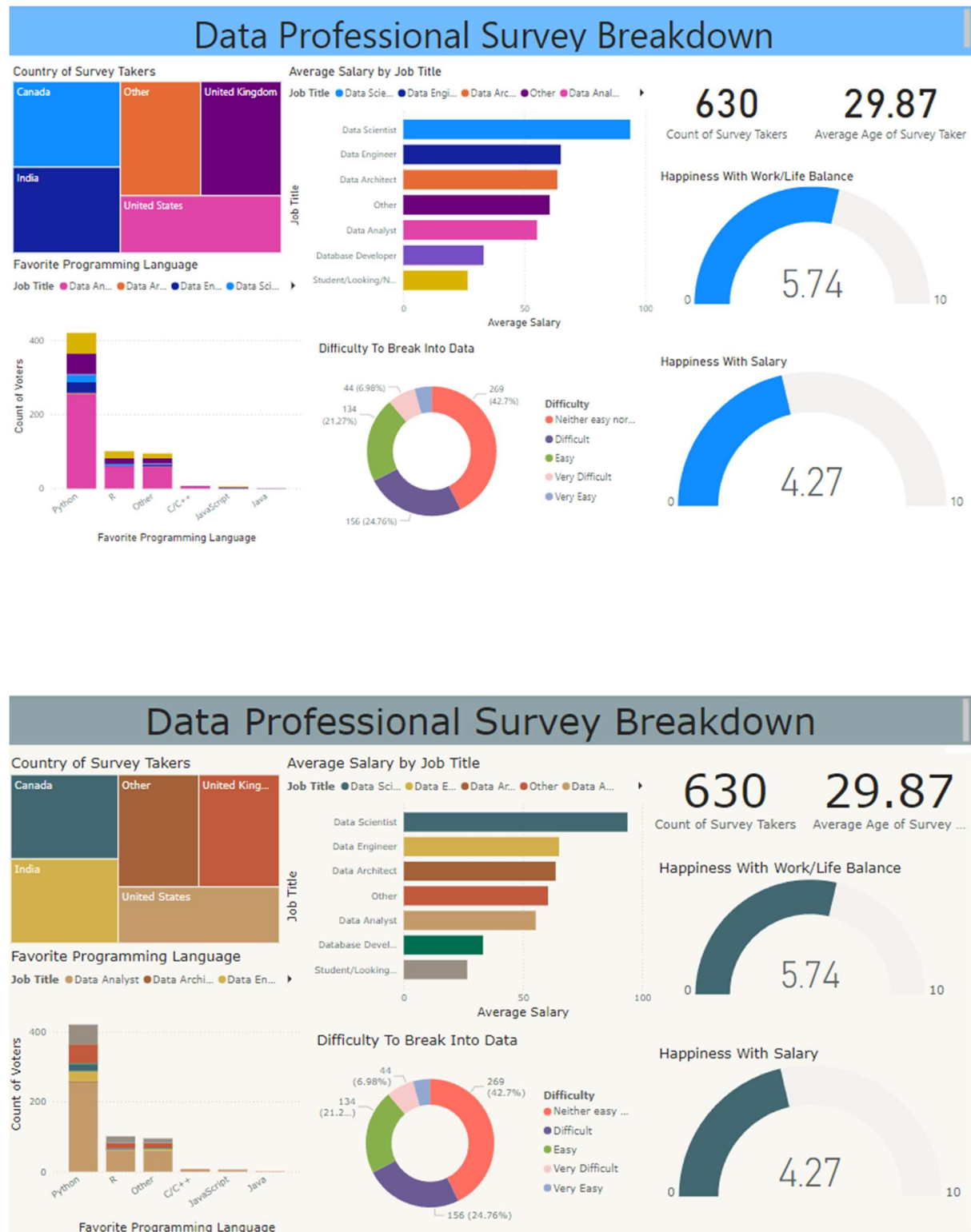
For the End Project, I utilized a unique dataset to showcase a comprehensive analysis and visualization, which includes a wide range of data from a survey. This project represents the culmination of my Power BI skills, bringing together various techniques and insights. Below, you'll find the dataset used and a sample screenshot of the dashboard.

**Dataset Name: Data Professional Survey**

## Sample Picture of End Project Dataset:

Unique ID	Email	Date Taken (America)	Time Taken (America)	Brow	OS	City	Cour	Referrer	Time	Q1 - Which Title Best Fits your Curr	Q2 - Did you swi
62a33b3db4da23963c62d3d	anonymous	6/10/2022	8:38						0:00:44	Data Analyst	Yes
62a33ba7bae91e4b8b82e35c	anonymous	6/10/2022	8:40						0:01:30	Data Analyst	No
62a33c2c0c6861b3176bec1	anonymous	6/10/2022	8:42						0:02:18	Data Engineer	No
62a33c8624a2626027382219	anonymous	6/10/2022	8:43						0:02:10	Other (Please Specify): Analytics Consultant	Yes
62a33c913072dd8932621e03	anonymous	6/10/2022	8:44						0:01:51	Data Analyst	Yes
62a33c0bb6cf25554317300177	anonymous	6/10/2022	8:44						0:02:34	Data Analyst	Yes
62a33c0b72e54c9003e531e65	anonymous	6/10/2022	8:44						0:01:15	Data Scientist	Yes
62a33cd3018c8593d5af018f	anonymous	6/10/2022	8:45						0:01:25	Data Engineer	Yes
62a33cd3cf255543173001d9	anonymous	6/10/2022	8:45						0:02:10	Data Analyst	Yes
62a33cd8bc6861b3176c05f	anonymous	6/10/2022	8:45						0:01:27	Data Analyst	Yes
62a33ce918134ddc75ce8c30	anonymous	6/10/2022	8:45						0:01:29	Data Analyst	Yes
62a33cf30a77c1a77165baa2	anonymous	6/10/2022	8:45						0:02:31	Data Analyst	Yes
62a33d151408bae018ed370d	anonymous	6/10/2022	8:46						0:03:20	Data Analyst	Yes
62a33d1ebae91e4b8b82e707	anonymous	6/10/2022	8:46						0:00:55	Data Scientist	Yes
62a33d4624a26260273824c4	anonymous	6/10/2022	8:47						0:01:24	Data Analyst	No
62a33d5c018c8593d5af107c	anonymous	6/10/2022	8:47						0:00:47	Data Analyst	Yes
62a33d85018c8593d5af10cb	anonymous	6/10/2022	8:48						0:01:06	Data Analyst	Yes
62a33d9b1817561645852496	anonymous	6/10/2022	8:48						0:01:04	Student/Looking/None	Yes
62a33dbdd8c00e9f5419cd65	anonymous	6/10/2022	8:49						0:01:05	Student/Looking/None	No
62a33de124a26260273826b2	anonymous	6/10/2022	8:49						0:01:21	Data Analyst	No
62a33dedd8c00e9f5419ce2b	anonymous	6/10/2022	8:49						0:01:23	Data Analyst	Yes
62a33d1bd8c00e9f5419ceda	anonymous	6/10/2022	8:50						0:01:35	Data Analyst	Yes
62a33e38f3072dd8932621d3	anonymous	6/10/2022	8:51						0:01:25	Data Analyst	Yes
62a33e54d8c00e9f5419cfe9	anonymous	6/10/2022	8:51						0:01:47	Data Analyst	No
62a33e625751a3a5ae88aabf	anonymous	6/10/2022	8:51						0:02:14	Data Analyst	No
62a33e63cec54911e3ca4f99	anonymous	6/10/2022	8:51						0:02:21	Data Analyst	No
62a33e72bae91e4b8b82eaf1a	anonymous	6/10/2022	8:52						0:02:07	Data Analyst	No
62a33e89018c8593d5af13b9	anonymous	6/10/2022	8:52						0:01:20	Data Analyst	Yes
62a33e8bf8d5efcc2277c79a	anonymous	6/10/2022	8:52						0:01:34	Data Analyst	No
62a33e90cec54911e3ca5031	anonymous	6/10/2022	8:52						0:01:34	Student/Looking/None	Yes
62a33e9df81756164585277b	anionmwos	6/10/2022	8:52						0:01:47	Student/Looking/None	Yes

# Dashboard:



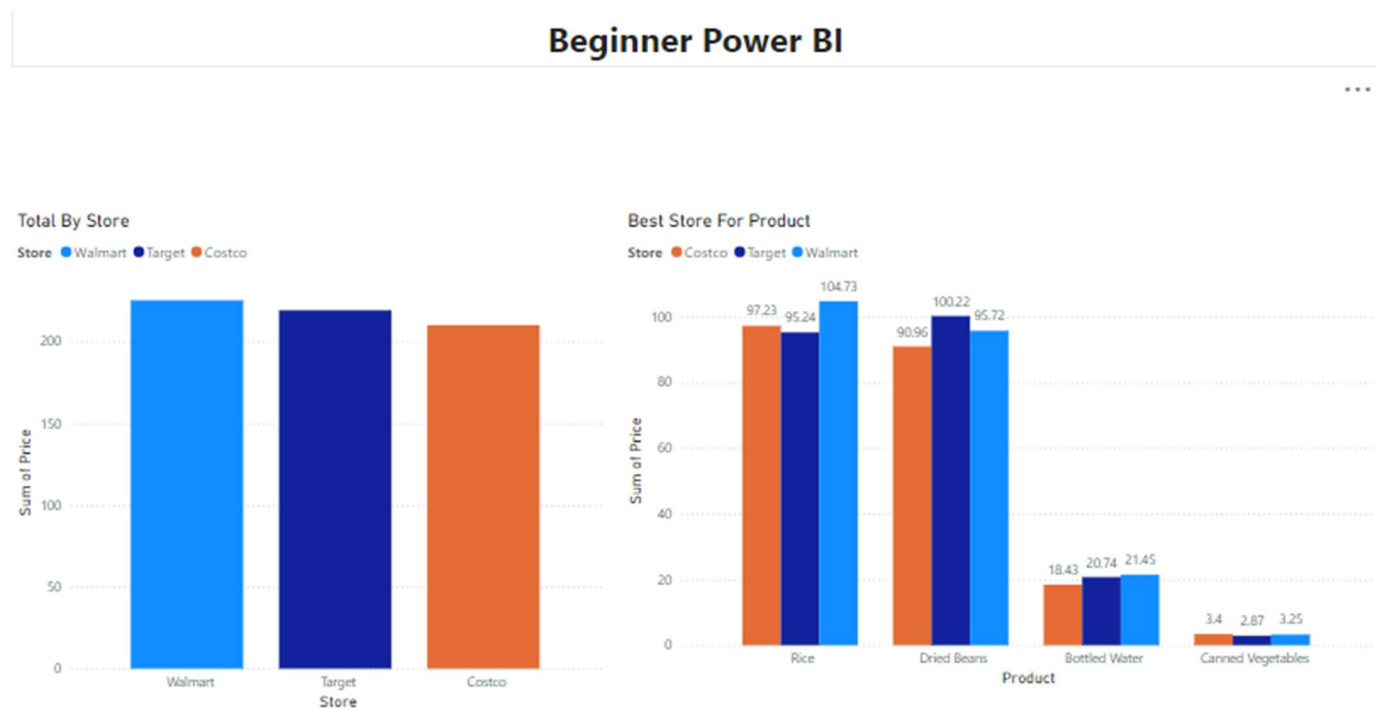
# Other Projects

The following projects were created using the 'Apocalypse Food Prep' dataset, which includes a wide range of data from a store. This dataset captures various details such as store, date, time purchased, date purchased, products, quantity, average and sum of products sold and more.

## 1. Beginner Power BI

**Dataset Name: Apocalypse Food Prep**

**Dashboard:**



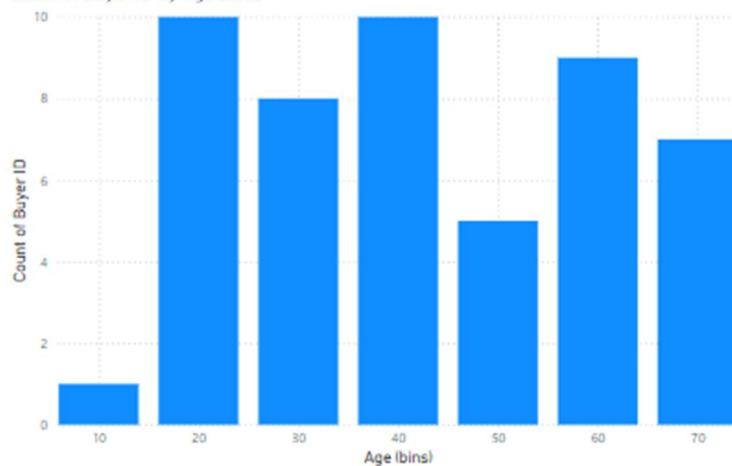
## 2. Bins and Lists

Dataset Name: Apocalypse Food Prep

Dashboard:

### Bins And Lists

Count of Buyer ID by Age (bins)



Customer (List)	Sum of Units Sold
The Best prepping Stores	1222
The Worst prepping Stores	1779
Total	3001

## 3. Conditional Formatting

Dataset Name: Apocalypse Food Prep

Dashboard:

### Conditional Formatting

Product Name	Price	Sum of Units Sold	Sum of Revenue
Weatherproof Jacket	79.99	265	13,091.00
Multitool Survival Knife	28.99	477	8,781.57
Nylon Rope	30.99	390	6,754.80
Stainless Steel Axe	45.50	350	4,567.50
Water Purifier	30.25	227	2,796.64
Backpack	39.99	212	2,770.84
Solar Battery Flashlight	26.49	182	2,380.56
Waterproof Matches	7.99	190	969.00
N95 Mask	2.75	343	596.82
Duct Tape	6.25	365	503.70
Total		3001	43,212.43

Price	Product Name	Sum of Units Sold
28.99	Multitool Survival Knife	477
30.99	Nylon Rope	390
6.25	Duct Tape	365
45.50	Stainless Steel Axe	350
2.75	N95 Mask	343
79.99	Weatherproof Jacket	265
30.25	Water Purifier	227
39.99	Backpack	212
7.99	Waterproof Matches	190
26.49	Solar Battery Flashlight	182
Total		3001

## 4. DAX in Power BI

Dataset Name: Apocalypse Food Prep

Dashboard:

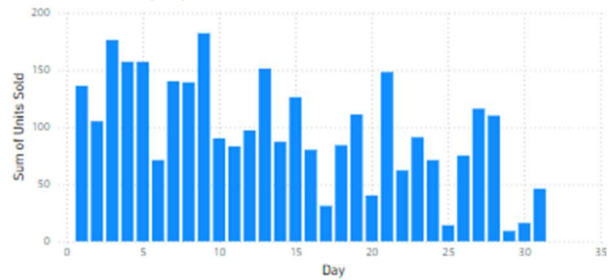
### DAX In Power BI

Customer	Count of Sales
Alex The Analyst Apocalypse Preppers	16
Apocalypse Preppers United	20
Prep4Anything Prepping Store	16
Uncle Joe's Prep Shop	22
<b>Total</b>	<b>74</b>

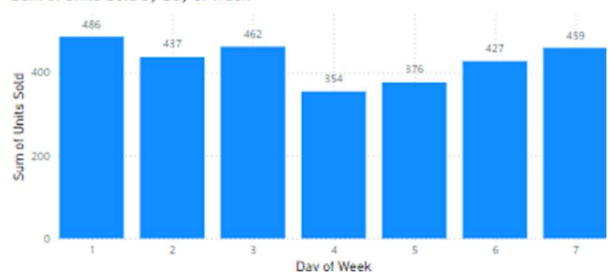
Product Name	Sum of Products Sold	profit
Backpack	212	2,770.84
Duct Tape	365	503.70
Multitool Survival Knife	477	8,781.57
N95 Mask	343	596.82
Nylon Rope	390	6,754.80
Solar Battery Flashlight	182	2,380.56
Stainless Steel Axe	350	4,567.50
Water Purifier	227	2,796.64
Waterproof Matches	190	969.00
Weatherproof Jacket	265	13,091.00
<b>Total</b>	<b>3001</b>	<b>4,34,754.87</b>

Customer	profit
Alex The Analyst Apocalypse Preppers	88,805.31
Apocalypse Preppers United	1,19,952.36
Prep4Anything Prepping Store	88,225.83
Uncle Joe's Prep Shop	1,37,771.37
<b>Total</b>	<b>4,34,754.87</b>

Sum of Units Sold by Day



Sum of Units Sold by Day of Week



## 5. Drill Power BI

Dataset Name: Apocalypse Food Prep

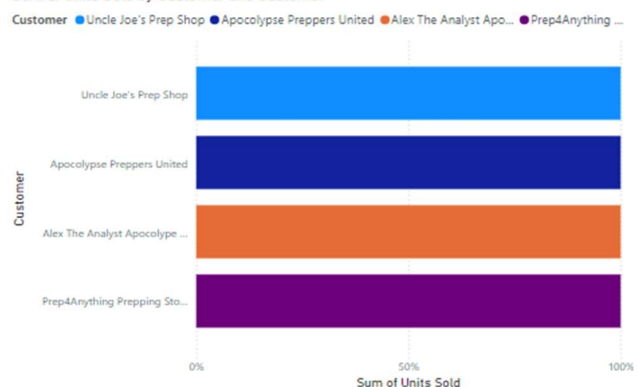
Dashboard:

### Drill Power BI

Sum of Price by Store and Store



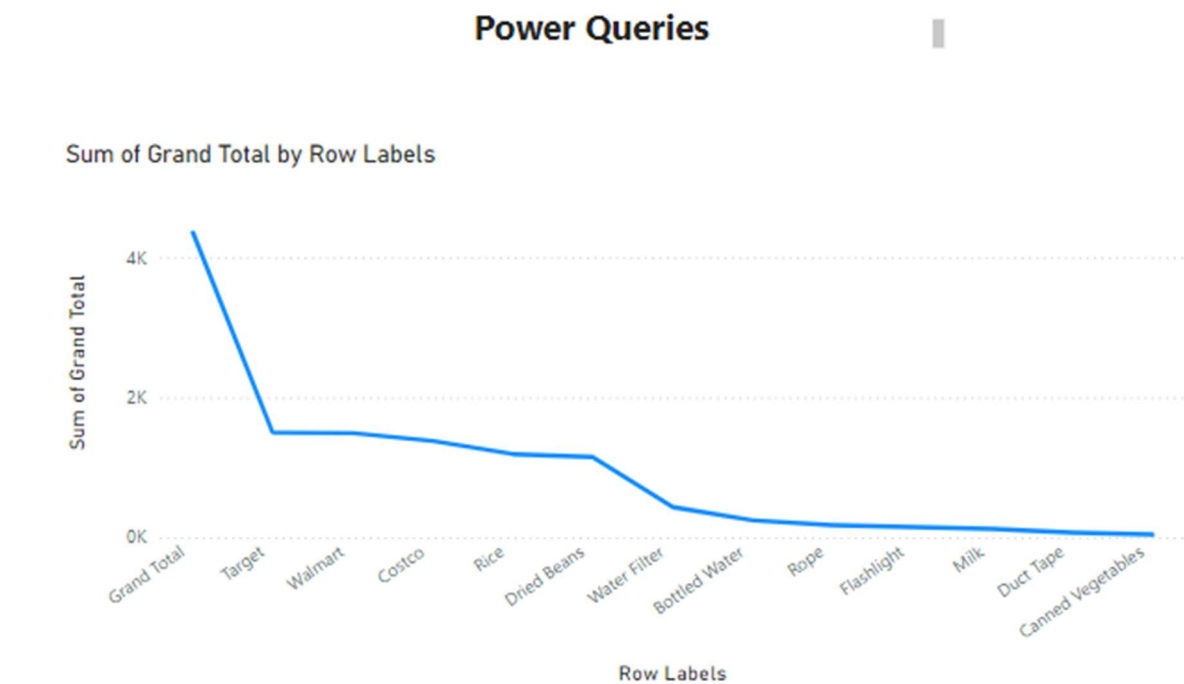
Sum of Units Sold by Customer and Customer



## 6. Power BI Queries

Dataset Name: Apocalypse Food Prep

Dashboard:

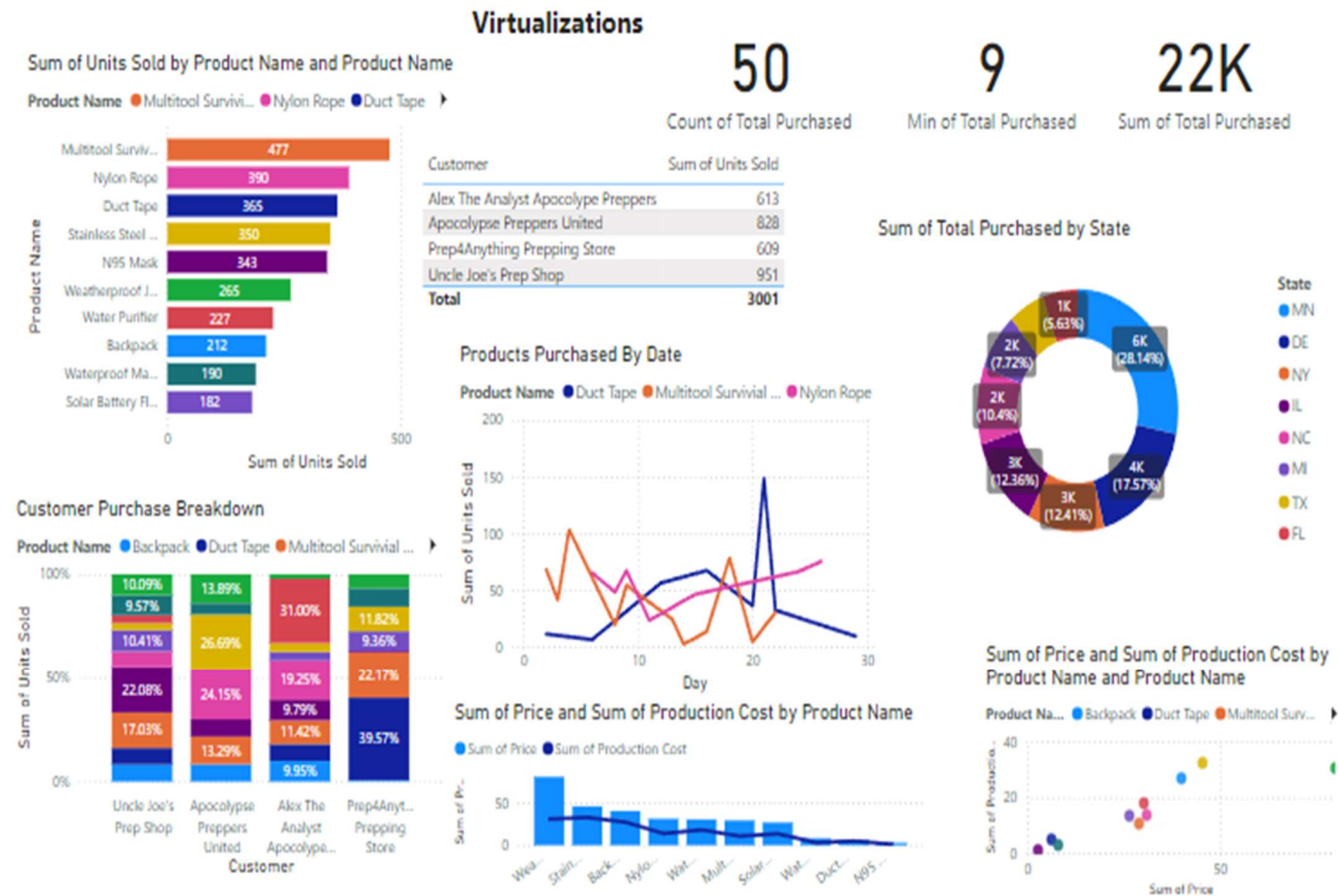


Store	Products	Attribute	Product_Cost
Costco	Bottled Water	01 January 2022	₹ 4.25
Costco	Bottled Water	01 February 2022	₹ 4.49
Costco	Bottled Water	01 March 2022	₹ 4.8
Costco	Bottled Water	01 April 2022	₹ 4.89
Costco	Canned Vegetables	01 January 2022	₹ 0.85
Costco	Canned Vegetables	01 February 2022	₹ 0.85
Costco	Canned Vegetables	01 March 2022	₹ 0.85
Costco	Canned Vegetables	01 April 2022	₹ 0.85
Costco	Dried Beans	01 January 2022	₹ 20.99
Costco	Dried Beans	01 February 2022	₹ 22.99
Costco	Dried Beans	01 March 2022	₹ 22.99
Costco	Dried Beans	01 April 2022	₹ 23.99
Costco	Duct Tape	01 January 2022	₹ 5
Costco	Duct Tape	01 March 2022	₹ 5.25
Costco	Flashlight	01 January 2022	₹ 13
Costco	Flashlight	01 March 2022	₹ 13
Costco	Milk	01 January 2022	₹ 2.3

## 7. Virtualizations

Dataset Name: Apocalypse Food Prep

Dashboard:





## Sample Photos of Apocalypse Food Prep Datasets:

Buyer ID	Product ID Purchased	Total Purchased	State	Age	Customer ID
115371	10003	396	TX	78	1234
110477	10010	12	MI	66	9876
158272	10002	112	TX	32	2468
182115	10009	454	FL	41	1357
183142	10005	102	NY	44	1234
189763	10007	68	NY	46	9876
133758	10010	496	DE	41	2468
133732	10009	956	DE	79	1357
109880	10009	218	MI	62	1234
165031	10008	677	IL	30	9876
159401	10006	62	DE	44	2468
152614	10007	893	IL	64	1357
187245	10009	42	FL	30	1234
129003	10007	597	NC	29	9876
175723	10006	977	NY	46	2468
157298	10006	40	MN	23	1357
167781	10009	423	DE	72	1234

Customer ID	Customer	Address	City	State	Zipcode
1234	Uncle Joe's Prep Shop	123 Main Street	Dallas	Texas	70571
9876	Alex The Analyst Apocolype Prepper	369 Real Avenue	New York	New York	12546
2468	Apocolypse Preppers United	444 Four Street	Benson	Minnesota	93873

Cust ID	Customer	Product ID	Order ID	Units Sold	Date Purchased
1234	Uncle Joe's Prep Shop	10006	1904	32	01-01-2022
9876	Alex The Analyst Apocolype Prepper	10005	3966	68	02-01-2022
2468	Apocolypse Preppers United	10004	7348	69	03-01-2022
1357	Prep4Anything Prepping Store	10005	2409	48	04-01-2022
1234	Uncle Joe's Prep Shop	10010	2045	70	05-01-2022
9876	Alex The Analyst Apocolype Prepper	10008	9151	6	06-01-2022
2468	Apocolypse Preppers United	10003	1065	59	07-01-2022
1357	Prep4Anything Prepping Store	10003	3780	72	08-01-2022
1234	Uncle Joe's Prep Shop	10001	1043	67	09-01-2022
9876	Alex The Analyst Apocolype Prepper	10007	7075	7	10-01-2022
2468	Apocolypse Preppers United	10001	6778	23	11-01-2022
1357	Prep4Anything Prepping Store	10008	3572	56	12-01-2022
1234	Uncle Joe's Prep Shop	10006	4033	51	13-01-2022
9876	Alex The Analyst Apocolype Prepper	10005	2073	2	14-01-2022
2468	Apocolypse Preppers United	10010	7333	45	15-01-2022
1357	Prep4Anything Prepping Store	10005	3352	13	16-01-2022
1234	Uncle Joe's Prep Shop	10003	2070	4	17-01-2022



Product ID	Product Name	Price	Production Cost
10001	Nylon Rope	30.99	13.67
10002	Waterproof Matches	7.99	2.89
10003	Stainless Steel Axe	45.5	32.45
10004	Backpack	39.99	26.92
10005	Multitool Survival Knife	28.99	10.58
10006	Solar Battery Flashlight	26.49	13.41
10007	Weatherproof Jacket	79.99	30.59
10008	Duct Tape	6.25	4.87
10009	Water Purifier	30.25	17.93
10010	N95 Mask	2.75	1.01

## About the ' Data Professional Survey ' Dataset

The ' Data Professional Survey ' dataset is a rich source of information gathered from a detailed survey. It includes the following data points:

- Unique ID
- Email
- Date Taken (America/New York)
- Time Taken (America/New York)
- Time Spent
- Current Role
- Career Switch into Data
- Current Yearly Salary (in USD)
- Industry
- Favourite Programming Language
- Job Satisfaction (Salary, Work/Life Balance, Coworkers, Management, Upward Mobility, Learning New Things)
- Difficulty Breaking into Data
- Most Important Job Search Factor
- Gender
- Age
- Country of Residence
- Highest Level of Education
- Ethnicity
- Average Salary

# About the 'Apocalypse Food Prep' Dataset

The 'Apocalypse Food Prep' dataset is a comprehensive collection of survey data. It includes a variety of details about each respondent and their purchasing habits. Here are the key data points included in this dataset:

- Buyer ID
- Product ID
- Purchased
- Total Purchased
- State
- Age
- Customer ID
- Product Name
- Price
- Production Cost
- Revenue
- Customer
- Order ID
- Units Sold
- Date Purchased
- Address
- City
- State
- Zip code

This rich dataset allows for detailed analysis and visualization, providing insights into customer demographics, purchasing patterns, product performance, and more.

Feel free to explore each Power BI file and dataset to see how I've utilized this data to create insightful and visually appealing dashboards.