The retail project has different csv files with differnet feature and data dictionary, for performing EDA activities in this project first the data should be injected to the sql tables and then perform sql query analysis .

Ailes.csv

aisle_id	aisle
1	PREPARED SOUPS SALADS
2	specialty cheeses
3	energy granola bars
4	INSTANT FOODS
5	marinades meat preparation
6	OTHER
7	packaged meat
8	BAKERY DESSERTS
9	pasta sauce
10	kitchen supplies
11	cold flu allergy
12	FRESH PASTA
13	prepared meals
14	tofu meat alternatives
15	PACKAGED SEAFOOD
16	fresh herbs
17	BAKING INGREDIENTS
18	bulk dried fruits vegetables
19	OILS VINEGARS
20	oral hygiene
21	packaged cheese
22	hair care
23	POPCORN JERKY
24	fresh fruits

Departments

department	department
1	frozen
2	other
3	bakery
4	produce
5	alcohol
6	international
7	beverages
8	pets
9	dry goods pasta
10	bulk
11	personal care
12	meat seafood
13	pantry
14	breakfast
15	canned goods
16	dairy eggs
17	household
18	babies
19	snacks
20	deli
21	missing

Order_product_prior.csv

id	order_id	product_id	add_to_cart_order	reordered
0	2	33120	1	1
1	2	28985	2	1
2	2	9327	3	0
3	2	45918	4	1
4	2	30035	5	0
5	2	17794	6	1
6	2	40141	7	1
7	2	1819	8	1
8	2	43668	9	0
9	3	33754	1	1
10	3	24838	2	1
11	3	17704	3	1
12	3	21903	4	1
13	3	17668	5	1
14	3	46667	6	1
15	3	17461	7	1
16	3	32665	8	1
17	4	46842	1	0
18	4	26434	2	1
19	4	39758	3	1
20	4	27761	4	1
21	4	10054	5	1
22	4	21351	6	1
23	4	22598	7	1
24	4	34862	8	1
25	4	40285	9	1
26	4	17616	10	1

Order_product_train.csv

order_id	product_id	add_to_cart_order	reordered
1	49302	1	1
1	11109	2	1
1	10246	3	0
1	49683	4	0
1	43633	5	1
1	13176	6	0
1	47209	7	0
1	22035	8	1
36	39612	1	0
36	19660	2	1
36	49235	3	0
36	43086	4	1
36	46620	5	1
36	34497	6	1
36	48679	7	1
36	46979	8	1
38	11913	1	0
38	18159	2	0
38	4461	3	0
38	21616	4	1
38	23622	5	0
38	32433	6	0
38	28842	7	0
38	42625	8	0
38	39693	9	0
96	20574	1	1
96	30391	2	0
96	40706	3	1
96	25610	4	0

Orders.csv

order_id	user_id	eval_set	order_number	order_dow	order_hour_of_day	days_since_prior_order
2539329	1	prior	1	2	8	
2398795	1	prior	2	3	7	15
473747	1	prior	3	3	12	21
2254736	1	prior	4	4	7	29
431534	1	prior	5	4	15	28
3367565	1	prior	6	2	7	19
550135	1	prior	7	1	9	20
3108588	1	prior	8	1	14	14
2295261	1	prior	9	1	16	0
2550362	1	prior	10	4	8	30
1187899	1	train	11	4	8	14
2168274	2	prior	1	2	11	
1501582	2	prior	2	5	10	10
1901567	2	prior	3	1	10	3
738281	2	prior	4	2	10	8
1673511	2	prior	5	3	11	8
1199898	2	prior	6	2	9	13
3194192	2	prior	7	2	12	14
788338	2	prior	8	1	15	27
1718559	2	prior	9	2	9	8
1447487	2	prior	10	1	11	6
1402090	2	prior	11	1	10	30
3186735	2	prior	12	1	9	28
3268552	2	prior	13	4	11	30
839880	2	prior	14	3	10	13
1492625	2	train	15	1	11	30
1374495	3	prior	1	1	14	
444309	3	prior	2	3	19	9
3002854	3	prior	3	3	16	21

Products_subset.csv

row_num	product_id	product_name	aisle_id	department_id
0	1	Chocolate Sandwich Cookies	61	19
1	2	All-Seasons Salt	104	13
2	3	Robust Golden Unsweetened Oolong Tea	94	7
3	4	Smart Ones Classic Favorites Mini Rigatoni With Vodka Cream Sauce	38	1
4	5	Green Chile Anytime Sauce	5	13
5	6	Dry Nose Oil	11	11
6	7	Pure Coconut Water With Orange	98	7
7	8	Cut Russet Potatoes Steam N' Mash	116	1
8	9	Light Strawberry Blueberry Yogurt	120	16
9	10	Sparkling Orange Juice & Prickly Pear Beverage	115	7
10	11	Peach Mango Juice	31	7
11	12	Chocolate Fudge Layer Cake	119	1
12	13	Saline Nasal Mist	11	11
13	14	Fresh Scent Dishwasher Cleaner	74	17
14	15	Overnight Diapers Size 6	56	18
15	16	Mint Chocolate Flavored Syrup	103	19
16	17	Rendered Duck Fat	35	12
17	18	Pizza for One Suprema Frozen Pizza	79	1
18	19	Gluten Free Quinoa Three Cheese & Mushroom Blend	63	9
19	20	Pomegranate Cranberry & Aloe Vera Enrich Drink	98	7
20	21	Small & Medium Dental Dog Treats	40	8
21	22	Fresh Breath Oral Rinse Mild Mint	20	11
22	23	Organic Turkey Burgers	49	12
23	24	Tri-Vi-SolÂ® Vitamins A-C-and D Supplement Drops for Infants	47	11
24	25	Salted Caramel Lean Protein & Fiber Bar	3	19
25	26	Fancy Feast Trout Feast Flaked Wet Cat Food	41	8
26	27	Complete Spring Water Foaming Antibacterial Hand Wash	127	11
27	28	Wheat Chex Cereal	121	14
28	29	Fresh Cut Golden Sweet No Salt Added Whole Kernel Corn	81	15

Sql Command for injecting csv data into sql table, first the table with same field characteristics should be created in the sql database:

"

LOAD DATA LOCAL INFILE

'C:.../Datasets/aisles.csv'

INTO TABLE aisles

FIELDS TERMINATED BY ','

ENCLOSED BY '"'

LINES TERMINATED BY '\n'

IGNORE 1 ROWS

(field1,field2);

"