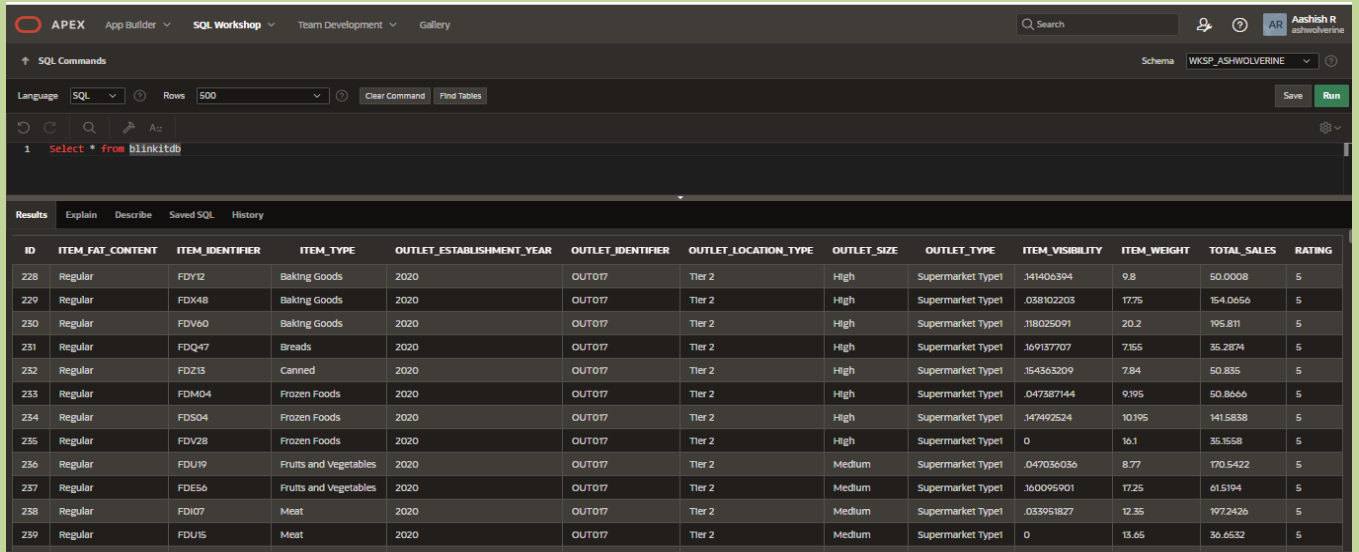


Blinkit Data Analysis SQL Project

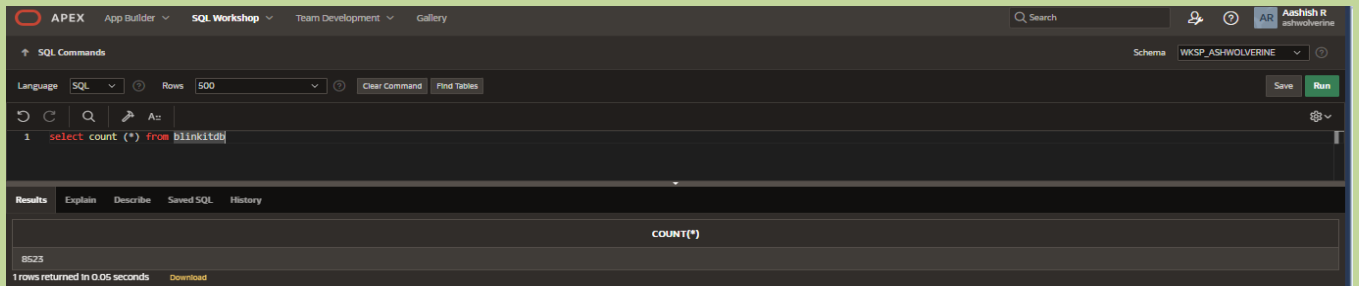
Step 1: Check Entire table for data:



The screenshot shows the APEX SQL Workshop interface. The SQL command is `Select * from blinkitdb`. The results are displayed in a table with 12 columns: ID, ITEM_FAT_CONTENT, ITEM_IDENTIFIER, ITEM_TYPE, OUTLET_ESTABLISHMENT_YEAR, OUTLET_IDENTIFIER, OUTLET_LOCATION_TYPE, OUTLET_SIZE, OUTLET_TYPE, ITEM_VISIBILITY, ITEM_WEIGHT, TOTAL_SALES, and RATING. The table contains 20 rows of data.

ID	ITEM_FAT_CONTENT	ITEM_IDENTIFIER	ITEM_TYPE	OUTLET_ESTABLISHMENT_YEAR	OUTLET_IDENTIFIER	OUTLET_LOCATION_TYPE	OUTLET_SIZE	OUTLET_TYPE	ITEM_VISIBILITY	ITEM_WEIGHT	TOTAL_SALES	RATING
228	Regular	FDY12	Baking Goods	2020	OUT017	Tier 2	High	Supermarket Type1	.141406394	9.8	50.0008	5
229	Regular	FDX48	Baking Goods	2020	OUT017	Tier 2	High	Supermarket Type1	.038102203	17.75	154.0656	5
230	Regular	FDV60	Baking Goods	2020	OUT017	Tier 2	High	Supermarket Type1	.118025091	20.2	195.811	5
231	Regular	FDQ47	Breads	2020	OUT017	Tier 2	High	Supermarket Type1	.169137707	7.55	35.2874	5
232	Regular	FDZ13	Canned	2020	OUT017	Tier 2	High	Supermarket Type1	.154363209	7.84	50.835	5
233	Regular	FDM04	Frozen Foods	2020	OUT017	Tier 2	High	Supermarket Type1	.047387144	9.195	50.8666	5
234	Regular	FDS04	Frozen Foods	2020	OUT017	Tier 2	High	Supermarket Type1	.147492524	10.195	141.5838	5
235	Regular	FDV28	Frozen Foods	2020	OUT017	Tier 2	High	Supermarket Type1	0	16.1	35.1558	5
236	Regular	FDU19	Fruits and Vegetables	2020	OUT017	Tier 2	Medium	Supermarket Type1	.047036036	8.77	170.5422	5
237	Regular	FDE56	Fruits and Vegetables	2020	OUT017	Tier 2	Medium	Supermarket Type1	.160095901	17.25	61.5194	5
238	Regular	FDI07	Meat	2020	OUT017	Tier 2	Medium	Supermarket Type1	.033951827	12.35	197.2426	5
239	Regular	FDU15	Meat	2020	OUT017	Tier 2	Medium	Supermarket Type1	0	13.65	36.6532	5

Step 2: How many rows are in the data:

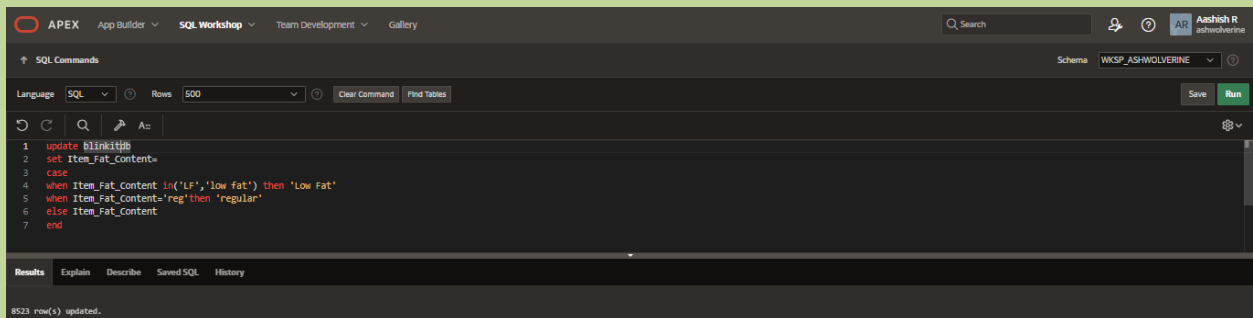


The screenshot shows the APEX SQL Workshop interface. The SQL command is `select count (*) from blinkitdb`. The results are displayed in a table with 1 column: COUNT(*). The table contains 1 row of data: 8523.

COUNT(*)
8523

1 rows returned in 0.05 seconds

Step 3: Data cleaning the entire data (Some irregular names in the data):



The screenshot shows the APEX SQL Workshop interface. The SQL command is `update blinkitdb set item_fat_content = case when item_fat_content in ('Lf', 'low fat') then 'Low Fat' else item_fat_content end`. The results are displayed in a table with 1 column: 8523 row(s) updated.

8523 row(s) updated.

Blinkit Data Analysis SQL Project

Step 4: Check the duplicates are in the data:

The screenshot shows the APEX SQL Workshop interface. The SQL command is: `select distinct (item_fat_content) from blinkitdb`. The results show three rows: Regular, Low fat, and Low Fat. The status bar indicates 3 rows returned in 0.01 seconds.

ITEM_FAT_CONTENT
Regular
Low fat
Low Fat

Start the requirements Queries:

Total Sales:

The screenshot shows the APEX SQL Workshop interface. The SQL command is: `select sum (total_sales) from blinkitdb`. The results show a single row with the value 1201681.4808. The status bar indicates 1 rows returned in 0.01 seconds.

SUM(TOTAL_SALES)
1201681.4808

The screenshot shows the APEX SQL Workshop interface. The SQL command is: `select sum (total_sales) as Total_sales from blinkitdb`. The results show a single row with the value 1201681.4808. The status bar indicates 1 rows returned in 0.02 seconds.

TOTAL_SALES
1201681.4808

Blinkit Data Analysis SQL Project

The screenshot shows the APEX SQL Workshop interface. The SQL command is: `select cast(sum (Total_Sales)/ 1000000 as Decimal (10,2)) as Total_sales_millions from blinkitdb`. The results table shows a single row with the value 12 under the column header TOTAL_SALES_MILLIONS.

TOTAL_SALES_MILLIONS
12

Average Sales:

The screenshot shows the APEX SQL Workshop interface. The SQL command is: `select avg (Total_Sales) from blinkitdb`. The results table shows a single row with the value 140.99278197817669834565299105948609644 under the column header AVG(TOTAL_SALES).

AVG(TOTAL_SALES)
140.99278197817669834565299105948609644

The screenshot shows the APEX SQL Workshop interface. The SQL command is: `select avg (Total_Sales) as Avg_Sales from blinkitdb`. The results table shows a single row with the value 140.99278197817669834565299105948609644 under the column header AVG_SALES.

AVG_SALES
140.99278197817669834565299105948609644

The screenshot shows the APEX SQL Workshop interface. The SQL command is: `select cast(avg (Total_Sales) as Decimal(10,2)) Avg_Sales from blinkitdb`. The results table shows a single row with the value 140.99 under the column header AVG_SALES.

AVG_SALES
140.99

Blinkit Data Analysis SQL Project

The screenshot shows the APEX SQL Workshop interface. The SQL command entered is: `select cast(avg (Total_Sales) as Decimal(18,0)) Avg_Sales from blinkitdb`. The results table has one column, **AVG_SALES**, and one row with the value **141**. The status bar indicates "1 rows returned in 0.01 seconds".

AVG_SALES
141

Number of Items:

The screenshot shows the APEX SQL Workshop interface. The SQL command entered is: `select count(*) as no_of_items from blinkitdb`. The results table has one column, **NO_OF_ITEMS**, and one row with the value **8523**. The status bar indicates "1 rows returned in 0.01 seconds".

NO_OF_ITEMS
8523

The screenshot shows the APEX SQL Workshop interface. The SQL command entered is: `select cast(sum(total_sales)/ 1000000 as decimal (18,2)) as total_sales_millions from blinkitdb where Item_fat_content='Low Fat'`. The results table has one column, **TOTAL_SALES_MILLIONS**, and one row with the value **.72**. The status bar indicates "1 rows returned in 0.01 seconds".

TOTAL_SALES_MILLIONS
.72

The screenshot shows the APEX SQL Workshop interface. The SQL command entered is: `select cast(sum(total_sales)/ 1000000 as decimal (18,2)) as total_sales_millions from blinkitdb where Item_fat_content='High Fat'`. The results table has one column, **TOTAL_SALES_MILLIONS**, and one row with the value **.06**. The status bar indicates "1 rows returned in 0.01 seconds".

TOTAL_SALES_MILLIONS
.06

Blinkit Data Analysis SQL Project

The screenshot shows the APEX SQL Workshop interface. The SQL command entered is: `select cast(sum(total_sales)/ 1000000 as decimal (10,2)) as total_sales_millions from blinkitdb where Item_fat_content="Regular"`. The results show a single row with the value .43 under the column header TOTAL_SALES_MILLIONS.

TOTAL_SALES_MILLIONS
.43

1 rows returned in 0.00 seconds

The screenshot shows the APEX SQL Workshop interface. The SQL command entered is: `select cast(sum(total_sales)/ 1000000 as decimal (10,2)) as total_sales_millions from blinkitdb where Outlet_Establishment_year=2022`. The results show a single row with the value .33 under the column header TOTAL_SALES_MILLIONS.

TOTAL_SALES_MILLIONS
.33

1 rows returned in 0.00 seconds

The screenshot shows the APEX SQL Workshop interface. The SQL command entered is: `select cast(avg(total_sales) as decimal (10,3)) as Avg_Sales from blinkitdb where Outlet_Establishment_year=2022`. The results show a single row with the value 1417 under the column header AVG_SALES.

AVG_SALES
1417

1 rows returned in 0.01 seconds

The screenshot shows the APEX SQL Workshop interface. The SQL command entered is: `select count(*) as No_of_Items from blinkitdb where Outlet_Establishment_year=2022`. The results show a single row with the value 928 under the column header NO_OF_ITEMS.

NO_OF_ITEMS
928

1 rows returned in 0.00 seconds

Blinkit Data Analysis SQL Project

Average Rating:

The screenshot shows the APEX SQL Workshop interface. The SQL command is: `select avg (Rating) from blinkitdb`. The results table shows a single row with the value 3.965857092573037627947905667018655403. The results are displayed in a table with the column header **AVG(RATING)**.

AVG(RATING)
3.965857092573037627947905667018655403

The screenshot shows the APEX SQL Workshop interface. The SQL command is: `select cast(avg (Rating) as decimal(10,2)) as Avg_Rating from blinkitdb`. The results table shows a single row with the value 3.97. The results are displayed in a table with the column header **AVG_RATING**.

AVG_RATING
3.97

Granular Requirements

Total Sales by Fat Content:

The screenshot shows the APEX SQL Workshop interface. The SQL command is: `select item_fat_content,sum(Total_Sales) as Total_sales from blinkitdb group by item_fat_content`. The results table shows three rows with the values 425361.8024, 58928.839, and 717390.8394. The results are displayed in a table with the column headers **ITEM_FAT_CONTENT** and **TOTAL_SALES**.

ITEM_FAT_CONTENT	TOTAL_SALES
Regular	425361.8024
Low fat	58928.839
Low Fat	717390.8394

Blinkit Data Analysis SQL Project

APEX App Builder SQL Workshop Team Development Gallery

Search

Aashish R ashwolverine

SQL Commands

Schema WKSP_ASHWOLVERINE

Language SQL Rows 500 Clear Command Find Tables

Save Run

```
1 select item_fat_content,sum(total_sales) as Total_sales from blinkitdb group by item_fat_content
2 order by Total_sales desc
```

Results Explain Describe Saved SQL History

ITEM_FAT_CONTENT	TOTAL_SALES
Low Fat	717390.8394
Regular	425361.8024
Low fat	58928.839

3 rows returned in 0.01 seconds Download

APEX App Builder SQL Workshop Team Development Gallery

Search

Aashish R ashwolverine

SQL Commands

Schema WKSP_ASHWOLVERINE

Language SQL Rows 500 Clear Command Find Tables

Save Run

```
1 select item_fat_content, cast(sum(total_sales) as decimal (10,2)) as Total_sales from blinkitdb group by item_fat_content
2 order by Total_sales desc
```

Results Explain Describe Saved SQL History

ITEM_FAT_CONTENT	TOTAL_SALES
Low Fat	717390.84
Regular	425361.8
Low fat	58928.84

3 rows returned in 0.01 seconds Download

APEX App Builder SQL Workshop Team Development Gallery

Search

Aashish R ashwolverine

SQL Commands

Schema WKSP_ASHWOLVERINE

Language SQL Rows 500 Clear Command Find Tables

Save Run

```
1 select item_fat_content, cast(sum(total_sales) as decimal (10,2)) as Total_sales,
2 cast (avg(total_sales) as decimal (10,1)) as Avg_sales,
3 count(*) as No_of_items,
4 cast(avg(Rating) as decimal (10,2)) as Avg_Rating
5 from blinkitdb group by item_fat_content
6 order by Total_sales desc
```

Results Explain Describe Saved SQL History

ITEM_FAT_CONTENT	TOTAL_SALES	AVG_SALES	NO_OF_ITEMS	AVG_RATING
Low Fat	717390.84	141	5089	3.98
Regular	425361.8	141.5	3006	3.97
Low fat	58928.84	137.7	428	3.86

3 rows returned in 0.01 seconds Download

Blinkit Data Analysis SQL Project

APEX App Builder SQL Workshop Team Development Gallery

Schema: WKSP_ASH-WOLVERINE

Language: SQL Rows: 500 Clear Command Find Tables Save Run

```
1 select Item_fat_content, cast(sum(Total_Sales) as decimal (10,2)) as Total_sales,
2 cast (avg(total_sales) as decimal (10,1)) as Avg_sales,
3 count(*) as No_of_items,
4 cast(avg(Rating) as decimal (10,2)) as Avg_Rating
5 from blinkitdb
6 where Outlet_establishment_year=2022
7 group by Item_fat_content
8 order by Total_sales desc
```

Results Explain Describe Saved SQL History

ITEM_FAT_CONTENT	TOTAL_SALES	AVG_SALES	NO_OF_ITEMS	AVG_RATING
Low Fat	77658.36	142	547	3.99
Regular	46633.17	141.3	330	3.98
Low fat	7186.24	140.9	51	3.75

3 rows returned in 0.01 seconds Download

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Schema: WKSP_ASH-WOLVERINE

Language: SQL Rows: 500 Clear Command Find Tables Save Run

```
1 select Item_fat_content, cast(sum(Total_Sales) as decimal (10,2)) as Total_sales,
2 cast (avg(total_sales) as decimal (10,1)) as Avg_sales,
3 count(*) as No_of_items,
4 cast(avg(Rating) as decimal (10,2)) as Avg_Rating
5 from blinkitdb
6 where Outlet_establishment_year=2020
7 group by Item_fat_content
8 order by Total_sales desc
```

Results Explain Describe Saved SQL History

ITEM_FAT_CONTENT	TOTAL_SALES	AVG_SALES	NO_OF_ITEMS	AVG_RATING
Low Fat	77091.51	140.2	550	3.97
Regular	46156.91	139	332	4
Low fat	5855.53	133.1	44	4

3 rows returned in 0.01 seconds Download

APEX App Builder SQL Workshop Team Development Gallery

Schema: WKSP_ASH-WOLVERINE

Language: SQL Rows: 500 Clear Command Find Tables Save Run

```
1 select Item_fat_content, cast(sum(Total_Sales)/1000 as decimal (10,2)) as Total_sales_thousands,
2 cast (avg(total_sales) as decimal (10,1)) as Avg_sales,
3 count(*) as No_of_items,
4 cast(avg(Rating) as decimal (10,2)) as Avg_Rating
5 from blinkitdb
6 group by Item_fat_content
7 order by Total_sales_thousands desc
```

Results Explain Describe Saved SQL History

ITEM_FAT_CONTENT	TOTAL_SALES_THOUSANDS	AVG_SALES	NO_OF_ITEMS	AVG_RATING
Low Fat	77.39	141	5089	3.98
Regular	425.36	141.5	3006	3.97
Low fat	5.893	137.7	428	3.86

3 rows returned in 0.02 seconds Download

Blinkit Data Analysis SQL Project

Total Sales by item type:

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SQL Commands Schema WKSP_ASHWOLVERINE

Language SQL Rows 500 Clear Command Find Tables Save Run

```
1 select item_type, cast(sum(total_sales)/1000 as decimal (10,2)) as Total_sales_thousands,
2 cast (avg(total_sales) as decimal (10,1)) as Avg_sales,
3 count(*) as No_of_items,
4 cast(avg(Rating) as decimal (10,2)) as Avg_Rating
5 from blinkitdb
6 group by item_type
7 order by Total_sales_thousands desc
```

Results Explain Describe Saved SQL History

ITEM_TYPE	TOTAL_SALES_THOUSANDS	AVG_SALES	NO_OF_ITEMS	AVG_RATING
Fruits and Vegetables	178.12	144.6	1232	3.96
Snack Foods	175.43	146.2	1200	3.95
Household	135.98	149.4	910	4
Frozen Foods	118.56	138.5	856	3.97
Dairy	101.28	148.5	682	3.97
Canned	90.71	139.8	649	3.99
Baking Goods	81.89	126.4	648	3.98
Health and Hygiene	68.03	130.8	520	3.99
Meat	59.45	139.9	425	4.02

APEX App Builder SQL Workshop Team Development Gallery

SQL Commands Schema WKSP_ASHWOLVERINE

Language SQL Rows 500 Clear Command Find Tables Save Run

```
1 select item_type, cast(sum(total_sales)/1000 as decimal (10,2)) as Total_sales_thousands,
2 cast (avg(total_sales) as decimal (10,1)) as Avg_sales,
3 count(*) as No_of_items,
4 cast(avg(Rating) as decimal (10,2)) as Avg_Rating
5 from blinkitdb
6 group by item_type
7 order by Total_sales_thousands desc
```

Results Explain Describe Saved SQL History

ITEM_TYPE	TOTAL_SALES_THOUSANDS	AVG_SALES	NO_OF_ITEMS	AVG_RATING
Health and Hygiene	68.03	130.8	520	3.99
Meat	59.45	139.9	425	4.02
Soft Drinks	58.51	131.5	445	3.92
Breads	35.38	141	251	3.88
Hard Drinks	29.33	1371	214	3.91
Others	22.45	132.9	169	3.95
Starchy Foods	21.88	147.8	148	3.92
Breakfast	15.6	141.8	110	3.93
Seafood	9.08	141.8	64	3.96

16 rows returned in 0.01 seconds Download

APEX App Builder SQL Workshop Team Development Gallery

SQL Commands Schema WKSP_ASHWOLVERINE

Language SQL Rows 500 Clear Command Find Tables Save Run

```
1 select item_type, cast(sum(total_sales) as decimal (10,2)) as Total_sales,
2 cast (avg(total_sales) as decimal (10,1)) as Avg_sales,
3 count(*) as No_of_items,
4 cast(avg(Rating) as decimal (10,2)) as Avg_Rating
5 from blinkitdb
6 group by item_type
7 order by Total_sales desc
```

Results Explain Describe Saved SQL History

ITEM_TYPE	TOTAL_SALES	AVG_SALES	NO_OF_ITEMS	AVG_RATING
Fruits and Vegetables	178124.08	144.6	1232	3.96
Snack Foods	175433.92	146.2	1200	3.95
Household	135976.53	149.4	910	4
Frozen Foods	118558.88	138.5	856	3.97
Dairy	101276.46	148.5	682	3.97
Canned	90706.73	139.8	649	3.99
Baking Goods	81894.74	126.4	648	3.98
Health and Hygiene	68025.84	130.8	520	3.99
Meat	59449.86	139.9	425	4.02

Blinkit Data Analysis SQL Project

APEX App Builder SQL Workshop Team Development Gallery

SQL Commands Schema WKSP_ASH-WOLVERINE

Language SQL Rows 500 Clear Command Find Tables Save Run

```
1 select item_type, cast(sum(total_sales) as decimal (18,2)) as Total_sales,
2 cast (avg(total_sales) as decimal (10,1)) as Avg_sales,
3 count(*) as No_of_items,
4 cast(avg(Rating) as decimal (10,2)) as Avg_Rating
5 from blinkitdb
6 group by item_type
7 order by Total_sales desc
```

Results Explain Describe Saved SQL History

ITEM_TYPE	TOTAL_SALES	AVG_SALES	NO_OF_ITEMS	AVG_RATING
Health and Hygiene	68025.84	130.8	520	3.99
Meat	59449.86	139.9	425	4.02
Soft Drinks	58514.17	131.5	445	3.92
Breads	35379.12	141	251	3.88
Hard Drinks	29334.68	137.1	214	3.91
Others	22451.89	132.9	169	3.95
Starchy Foods	21880.03	147.8	148	3.92
Breakfast	15596.7	141.8	110	3.93
Seafood	9077.87	141.8	64	3.96

10 rows returned in 0.01 seconds Download

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SQL Commands Schema WKSP_ASH-WOLVERINE

Language SQL Rows 500 Clear Command Find Tables Save Run

```
1 select item_type, cast(sum(total_sales) as decimal (18,2)) as Total_sales,
2 cast (avg(total_sales) as decimal (10,1)) as Avg_sales,
3 count(*) as No_of_items,
4 cast(avg(Rating) as decimal (10,2)) as Avg_Rating
5 from blinkitdb
6 group by item_type
7 order by Total_sales desc
8 fetch first 5 rows only
```

Results Explain Describe Saved SQL History

ITEM_TYPE	TOTAL_SALES	AVG_SALES	NO_OF_ITEMS	AVG_RATING
Fruits and Vegetables	178124.08	144.6	1232	3.96
Snack Foods	175433.92	146.2	1200	3.95
Household	135776.53	149.4	910	4
Frozen Foods	118558.88	138.5	856	3.97
Dairy	101276.46	148.5	682	3.97

5 rows returned in 0.01 seconds Download

APEX App Builder SQL Workshop Team Development Gallery

SQL Commands Schema WKSP_ASH-WOLVERINE

Language SQL Rows 500 Clear Command Find Tables Save Run

```
1 select item_type, cast(sum(total_sales) as decimal (18,2)) as Total_sales,
2 cast (avg(total_sales) as decimal (10,1)) as Avg_sales,
3 count(*) as No_of_items,
4 cast(avg(Rating) as decimal (10,2)) as Avg_Rating
5 from blinkitdb
6 group by item_type
7 order by Total_sales asc
8 fetch first 5 rows only
```

Results Explain Describe Saved SQL History

ITEM_TYPE	TOTAL_SALES	AVG_SALES	NO_OF_ITEMS	AVG_RATING
Seafood	9077.87	141.8	64	3.96
Breakfast	15596.7	141.8	110	3.93
Starchy Foods	21880.03	147.8	148	3.92
Others	22451.89	132.9	169	3.95
Hard Drinks	29334.68	137.1	214	3.91

5 rows returned in 0.03 seconds Download

Blinkit Data Analysis SQL Project

Fat Content by Outlet for total sales:

APEX App Builder SQL Workshop Team Development Gallery

SQL Commands

Language SQL Rows 500 Clear Command Find Tables

Schema WKSP_ASHWOLVERINE

Save Run

```
1 select outlet_location_type, item_fat_content, cast(sum(Total_Sales) as decimal (18,2)) as Total_Sales,
2 cast (avg(total_sales) as decimal (10,1)) as Avg_sales,
3 count(*) as No_of_Items,
4 cast(avg(Rating) as decimal (10,2)) as Avg_Rating
5 from blinkitdb
6 group by outlet_location_type, item_fat_content
7 order by Total_sales asc
8
```

Results Explain Describe Saved SQL History

OUTLET_LOCATION_TYPE	ITEM_FAT_CONTENT	TOTAL_SALES	AVG_SALES	NO_OF_ITEMS	AVG_RATING
Tier 1	Low fat	16525.81	145	114	4.02
Tier 2	Low fat	1724795	132.7	130	3.81
Tier 3	Low fat	25155.08	136.7	184	3.8
Tier 1	Regular	1213499	143.1	848	3.97
Tier 2	Regular	138085.87	142.1	976	3.95
Tier 3	Regular	165326.03	139.9	1182	3.97
Tier 1	Low Fat	198522.1	139.2	1426	3.98
Tier 2	Low Fat	237216.82	141.3	1679	3.98
Tier 3	Low Fat	281651.91	142	1984	3.97

9 rows returned in 0.04 seconds Download

APEX App Builder SQL Workshop Team Development Gallery

SQL Commands

Language SQL Rows 500 Clear Command Find Tables

Schema WKSP_ASHWOLVERINE

Save Run

```
1 select outlet_location_type, item_fat_content, cast(sum(Total_Sales) as decimal (18,2)) as Total_Sales
2 from blinkitdb
3 group by outlet_location_type, item_fat_content
4 order by Total_sales asc
5
```

Results Explain Describe Saved SQL History

OUTLET_LOCATION_TYPE	ITEM_FAT_CONTENT	TOTAL_SALES
Tier 1	Low fat	16525.81
Tier 2	Low fat	1724795
Tier 3	Low fat	25155.08
Tier 1	Regular	1213499
Tier 2	Regular	138085.87
Tier 3	Regular	165326.03
Tier 1	Low Fat	198522.1
Tier 2	Low Fat	237216.82
Tier 3	Low Fat	281651.91

9 rows returned in 0.04 seconds Download

APEX App Builder SQL Workshop Team Development Gallery

SQL Commands

Language SQL Rows 500 Clear Command Find Tables

Schema WKSP_ASHWOLVERINE

Save Run

```
1 SELECT
2 outlet_location_type,
3 NVL(SUM(CASE WHEN item_fat_content = 'Low Fat' THEN total_sales END), 0) AS Low_Fat,
4 NVL(SUM(CASE WHEN item_fat_content = 'Regular' THEN total_sales END), 0) AS Regular
5 FROM blinkitdb
6 GROUP BY outlet_location_type
7 ORDER BY outlet_location_type;
8
```

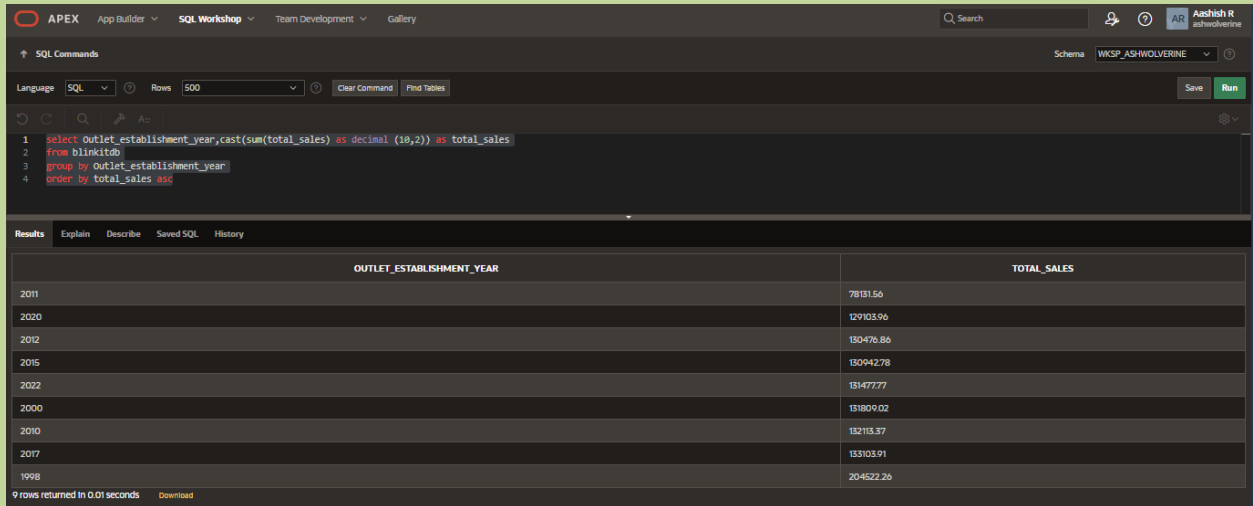
Results Explain Describe Saved SQL History

OUTLET_LOCATION_TYPE	LOW_FAT	REGULAR
Tier 1	198522.1012	121349.8994
Tier 2	237216.8248	138085.8082
Tier 3	281651.9134	165326.0348

3 rows returned in 0.03 seconds Download

Blinkit Data Analysis SQL Project

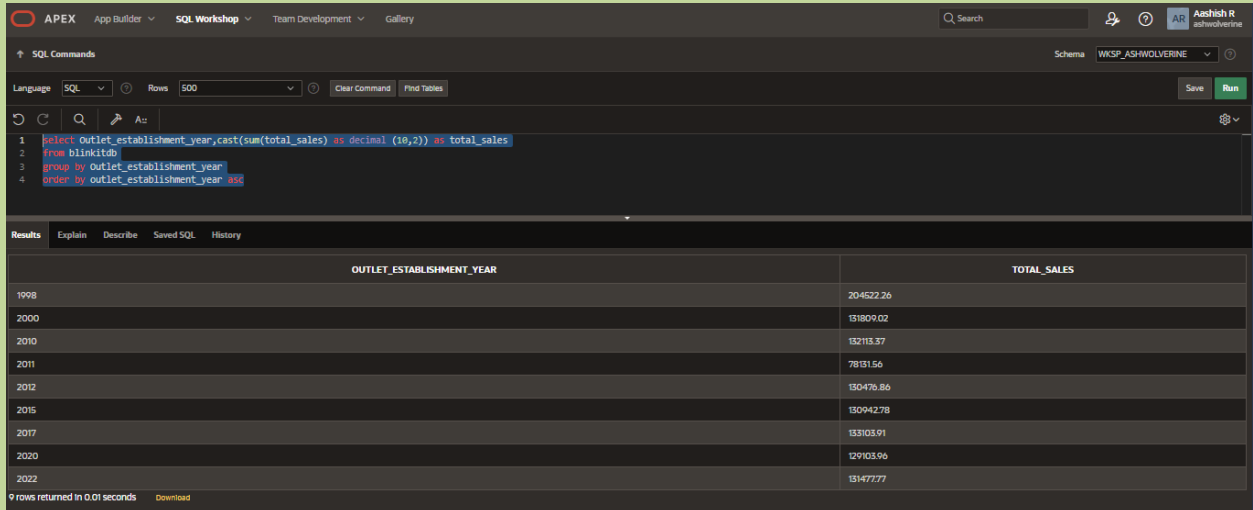
Total Sales by Outlet Establishment:



The screenshot shows the APEX SQL Workshop interface. The SQL command is: `select outlet_establishment_year, cast(sum(total_sales) as decimal (10,2)) as total_sales from blinkitdb group by outlet_establishment_year order by total_sales asc`. The results table has two columns: OUTLET_ESTABLISHMENT_YEAR and TOTAL_SALES. The data is sorted by total sales in ascending order.

OUTLET_ESTABLISHMENT_YEAR	TOTAL_SALES
2011	78181.56
2020	129103.96
2012	130476.86
2016	130942.78
2022	131477.77
2000	131809.02
2010	132113.37
2017	133103.91
1998	204522.26

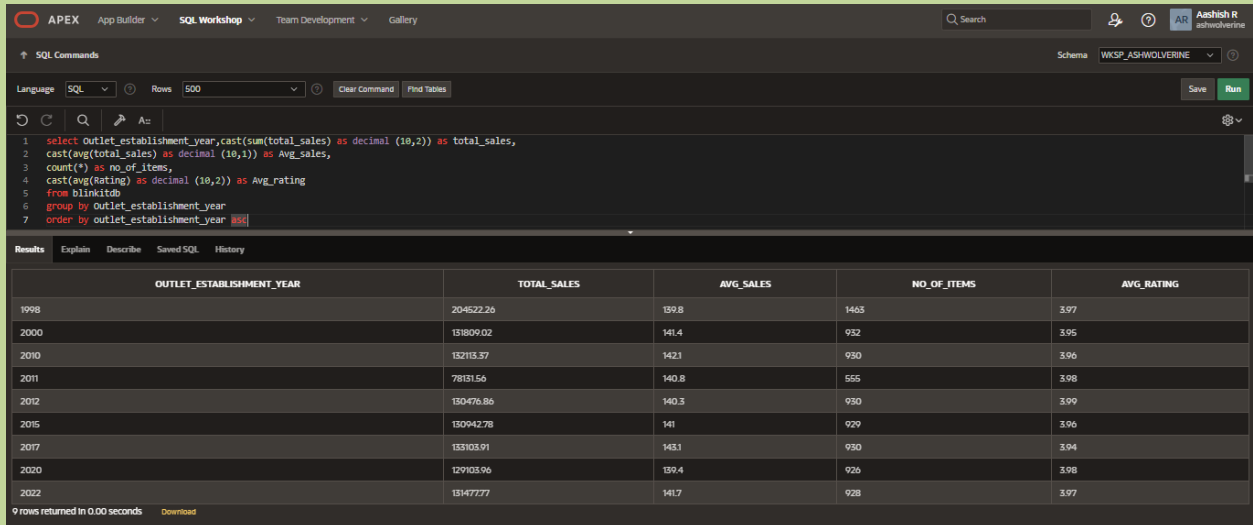
9 rows returned in 0.01 seconds Download



The screenshot shows the APEX SQL Workshop interface. The SQL command is: `select outlet_establishment_year, cast(sum(total_sales) as decimal (10,2)) as total_sales from blinkitdb group by outlet_establishment_year order by outlet_establishment_year asc`. The results table has two columns: OUTLET_ESTABLISHMENT_YEAR and TOTAL_SALES. The data is sorted by outlet establishment year in ascending order.

OUTLET_ESTABLISHMENT_YEAR	TOTAL_SALES
1998	204522.26
2000	131809.02
2010	132113.37
2011	78181.56
2012	130476.86
2016	130942.78
2017	133103.91
2020	129103.96
2022	131477.77

9 rows returned in 0.01 seconds Download



The screenshot shows the APEX SQL Workshop interface. The SQL command is: `select outlet_establishment_year, cast(sum(total_sales) as decimal (10,2)) as total_sales, cast(avg(total_sales) as decimal (10,1)) as Avg_sales, count(*) as no_of_items, cast(avg(Rating) as decimal (10,2)) as Avg_rating from blinkitdb group by outlet_establishment_year order by outlet_establishment_year asc`. The results table has five columns: OUTLET_ESTABLISHMENT_YEAR, TOTAL_SALES, AVG_SALES, NO_OF_ITEMS, and AVG_RATING. The data is sorted by outlet establishment year in ascending order.

OUTLET_ESTABLISHMENT_YEAR	TOTAL_SALES	AVG_SALES	NO_OF_ITEMS	AVG_RATING
1998	204522.26	139.8	1463	3.97
2000	131809.02	141.4	932	3.96
2010	132113.37	142.1	930	3.96
2011	78181.56	140.8	565	3.98
2012	130476.86	140.3	930	3.99
2016	130942.78	141	929	3.96
2017	133103.91	143.1	930	3.94
2020	129103.96	139.4	926	3.98
2022	131477.77	141.7	928	3.97

9 rows returned in 0.00 seconds Download

Blinkit Data Analysis SQL Project

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SQL Commands Schema WKSP_ASHWOLVERINE

Language SQL Rows 500 Clear Command Find Tables Save Run

```
1 select outlet_establishment_year, cast(sum(total_sales) as decimal (10,2)) as total_sales,
2 cast(avg(total_sales) as decimal (10,1)) as Avg_sales,
3 count(*) as No_of_Items,
4 cast(avg(Rating) as decimal (10,2)) as Avg_rating
5 from blinkitdb
6 group by outlet_establishment_year
7 order by total_sales desc
```

Results Explain Describe Saved SQL History

OUTLET_ESTABLISHMENT_YEAR	TOTAL_SALES	AVG_SALES	NO_OF_ITEMS	AVG_RATING
1998	204522.26	139.8	1463	3.97
2017	133103.91	143.1	930	3.94
2010	132113.37	142.1	930	3.96
2000	131809.02	141.4	932	3.95
2022	131477.77	141.7	928	3.97
2016	130942.78	141	929	3.96
2012	130476.86	140.3	930	3.99
2020	129103.96	139.4	926	3.98
2011	78131.56	140.8	565	3.98

9 rows returned in 0.01 seconds Download

Chart's requirement:

Percentage of sales by outlet size:

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SQL Commands Schema WKSP_ASHWOLVERINE

Language SQL Rows 500 Clear Command Find Tables Save Run

```
1 select outlet_size,
2 cast(sum(total_sales) as decimal (10,2)) as Total_sales,
3 cast((sum(total_sales)* 100.0/sum(sum(total_sales)) over ()) as decimal (10,2)) as sales_percentage
4 from blinkitdb
5 group by outlet_size
6 order by total_sales desc
```

Results Explain Describe Saved SQL History

OUTLET_SIZE	TOTAL_SALES	SALES_PERCENTAGE
Medium	507895.73	42.27
Small	444794.17	37.01
High	248991.58	20.72

3 rows returned in 0.03 seconds Download

Sales by Outlet Location:

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SQL Commands Schema WKSP_ASHWOLVERINE

Language SQL Rows 500 Clear Command Find Tables Save Run

```
1 select outlet_location_type,
2 cast(sum(total_sales) as decimal (10,2)) as total_sales,
3 cast(avg(total_sales) as decimal (10,1)) as Avg_sales,
4 count(*) as No_of_Items,
5 cast(avg(Rating) as decimal (10,2)) as avg_rating
6 from blinkitdb
7 group by outlet_location_type
8 order by total_sales desc
```

Results Explain Describe Saved SQL History

OUTLET_LOCATION_TYPE	TOTAL_SALES	AVG_SALES	NO_OF_ITEMS	AVG_RATING
Tier 3	472133.03	140.9	3350	3.96
Tier 2	393150.64	141.2	2785	3.96
Tier 1	336397.81	140.9	2388	3.98

3 rows returned in 0.00 seconds Download

Blinkit Data Analysis SQL Project

APEX App Builder SQL Workshop Team Development Gallery

Schema: WKSP_ASHWOLVERINE

Language: SQL Rows: 500 Clear Command Find Tables Save Run

```
1 select outlet_location_type,
2 cast(sum(total_sales) as decimal (10,2)) as total_sales,
3 cast((sum(total_sales) * 100.0 / sum(sum(total_sales)) over ()) as decimal (10,2)) as sales_percentage,
4 cast(avg(total_sales) as decimal (10,1)) as Avg_sales,
5 count(*) as No_of_items,
6 cast(avg(rating) as decimal (10,2)) as avg_rating
7 from blinkitdb
8 group by outlet_location_type
9 order by total_sales desc
```

Results Explain Describe Saved SQL History

OUTLET_LOCATION_TYPE	TOTAL_SALES	SALES_PERCENTAGE	AVG_SALES	NO_OF_ITEMS	AVG_RATING
Tier 3	472133.03	39.29	140.9	3350	3.96
Tier 2	393150.64	32.72	141.2	2785	3.96
Tier 1	336397.81	27.99	140.9	2388	3.98

3 rows returned in 0.01 seconds Download

APEX App Builder SQL Workshop Team Development Gallery

Schema: WKSP_ASHWOLVERINE

Language: SQL Rows: 500 Clear Command Find Tables Save Run

```
1 select outlet_location_type,
2 cast(sum(total_sales) as decimal (10,2)) as total_sales,
3 cast((sum(total_sales) * 100.0 / sum(sum(total_sales)) over ()) as decimal (10,2)) as sales_percentage,
4 cast(avg(total_sales) as decimal (10,1)) as Avg_sales,
5 count(*) as No_of_items,
6 cast(avg(rating) as decimal (10,2)) as avg_rating
7 from blinkitdb
8 where outlet_establishment_year>2022
9 group by outlet_location_type
10 order by total_sales desc
```

Results Explain Describe Saved SQL History

OUTLET_LOCATION_TYPE	TOTAL_SALES	SALES_PERCENTAGE	AVG_SALES	NO_OF_ITEMS	AVG_RATING
Tier 3	131477.77	100	141.7	928	3.97

1 rows returned in 0.01 seconds Download

APEX App Builder SQL Workshop Team Development Gallery

Schema: WKSP_ASHWOLVERINE

Language: SQL Rows: 500 Clear Command Find Tables Save Run

```
1 select outlet_location_type,
2 cast(sum(total_sales) as decimal (10,2)) as total_sales,
3 cast((sum(total_sales) * 100.0 / sum(sum(total_sales)) over ()) as decimal (10,2)) as sales_percentage,
4 cast(avg(total_sales) as decimal (10,1)) as Avg_sales,
5 count(*) as No_of_items,
6 cast(avg(rating) as decimal (10,2)) as avg_rating
7 from blinkitdb
8 where outlet_establishment_year=2020
9 group by outlet_location_type
10 order by total_sales desc
```

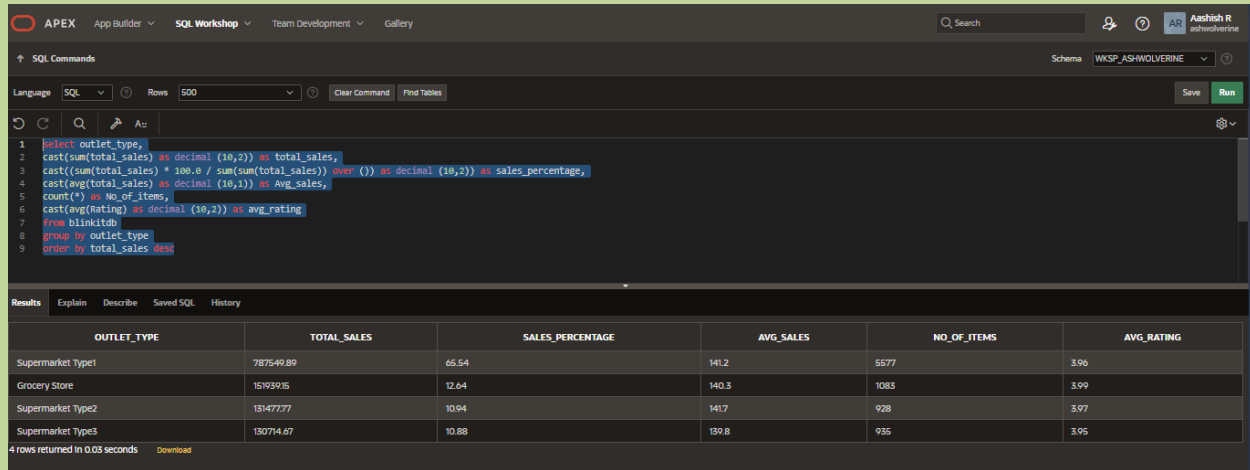
Results Explain Describe Saved SQL History

OUTLET_LOCATION_TYPE	TOTAL_SALES	SALES_PERCENTAGE	AVG_SALES	NO_OF_ITEMS	AVG_RATING
Tier 2	129103.96	100	139.4	926	3.98

1 rows returned in 0.01 seconds Download

Blinkit Data Analysis SQL Project

All Metrics by Outlet type:



The screenshot shows the APEX SQL Workshop interface. The SQL command area contains the following query:

```
1 select outlet_type,
2 cast(sum(total_sales) as decimal (10,2)) as total_sales,
3 cast((sum(total_sales) * 100.0 / sum(sum(total_sales)) over ())) as decimal (10,2)) as sales_percentage,
4 cast(avg(total_sales) as decimal (10,1)) as Avg_sales,
5 count(*) as NO_of_items,
6 cast(avg(rating) as decimal (10,2)) as avg_rating
7 from blinkitdb
8 group by outlet_type
9 order by total_sales desc
```

The Results tab shows the following data:

OUTLET_TYPE	TOTAL_SALES	SALES_PERCENTAGE	AVG_SALES	NO_OF_ITEMS	AVG_RATING
Supermarket Type1	787549.89	65.54	141.2	5577	3.96
Grocery Store	151939.15	12.64	140.3	1083	3.99
Supermarket Type2	131477.77	10.94	141.7	928	3.97
Supermarket Type3	130714.67	10.88	139.8	935	3.95

4 rows returned in 0.03 seconds [Download](#)