

BLINKIT DATA

BLINKIT DATA USING SQL QUERY TO ANALYSIS DATA



STEP 1:

To Check Entire Table

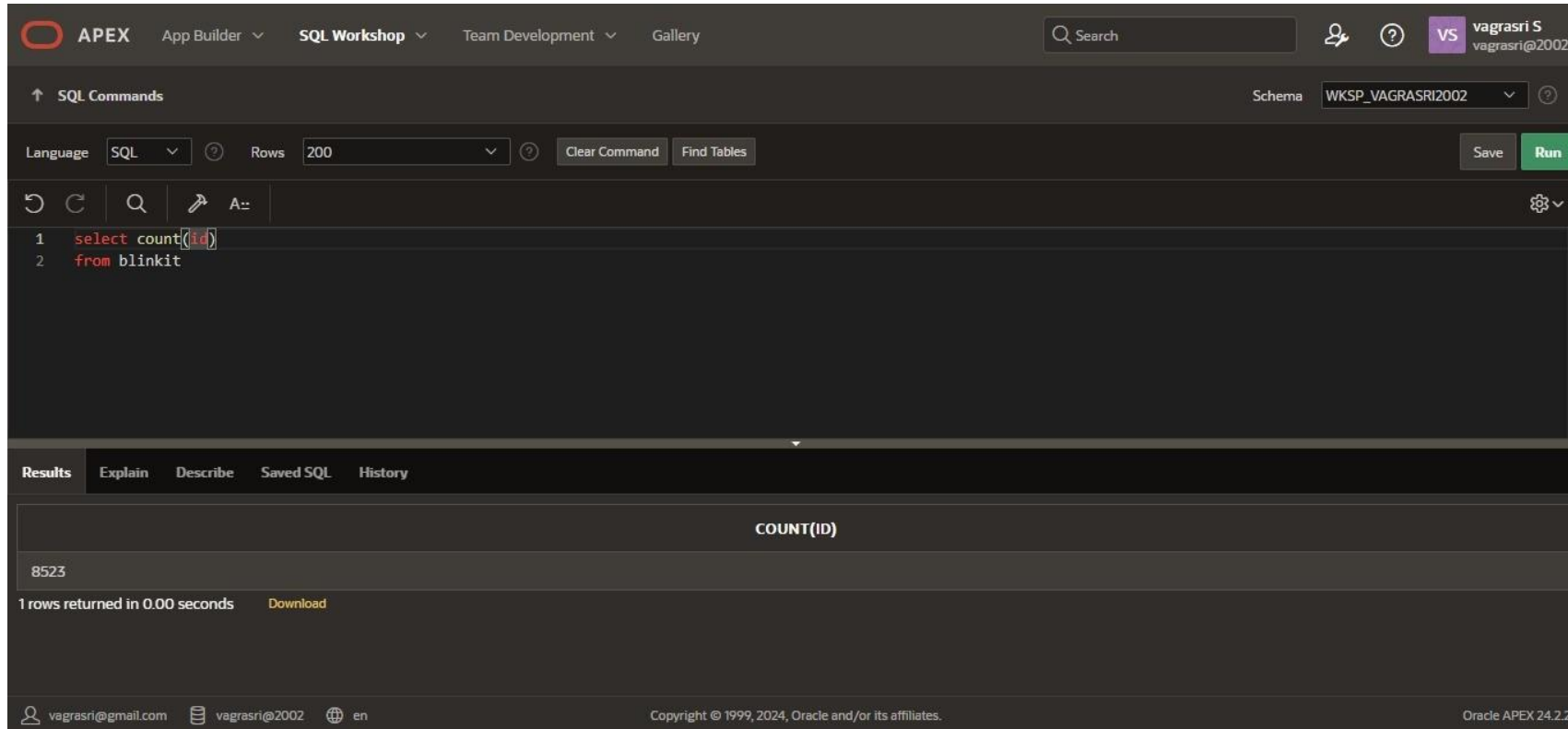
The screenshot displays the Oracle APEX SQL Workshop interface. At the top, the navigation bar includes 'APEX', 'App Builder', 'SQL Workshop', 'Team Development', and 'Gallery'. A search bar and user profile 'vagrasi S' are also present. Below the navigation bar, the 'SQL Commands' section shows the 'Schema' set to 'WKSP_VAGRASRI2002'. The 'Language' is set to 'SQL' and 'Rows' to '200'. The SQL command entered is 'select * from blinkit'. The 'Run' button is highlighted in green. Below the command editor, the 'Results' tab is active, displaying a table with 10 columns: ID, ITEM_FAT_CONTENT, ITEM_IDENTIFIER, ITEM_TYPE, OUTLET_ESTABLISHMENT_YEAR, OUTLET_IDENTIFIER, OUTLET_LOCATION_TYPE, OUTLET_SIZE, OUTLET_TYPE, and ITEM_VISIBI. The table contains three rows of data.

ID	ITEM_FAT_CONTENT	ITEM_IDENTIFIER	ITEM_TYPE	OUTLET_ESTABLISHMENT_YEAR	OUTLET_IDENTIFIER	OUTLET_LOCATION_TYPE	OUTLET_SIZE	OUTLET_TYPE	ITEM_VISIBI
1	Regular	FDX32	Fruits and Vegetables	2012	OUT049	Tier 1	Medium	Supermarket Type1	.1000135
2	Low Fat	NCB42	Health and Hygiene	2022	OUT018	Tier 3	Medium	Supermarket Type2	.008596051
			Frozen					Supermarket	

At the bottom of the interface, the footer shows the user 'vagrasi@gmail.com', the workspace 'vagrasi@2002', the language 'en', the copyright notice 'Copyright © 1999, 2024, Oracle and/or its affiliates.', and the version 'Oracle APEX 24.2.5'.

STEP 2:

To count the ID in the Set of Data



The screenshot displays the Oracle APEX SQL Workshop interface. At the top, the navigation bar includes 'APEX', 'App Builder', 'SQL Workshop', 'Team Development', and 'Gallery'. A search bar and user profile 'vagrasi S' are also present. The 'SQL Commands' section shows the 'Language' set to 'SQL' and 'Rows' set to '200'. The SQL command entered is:

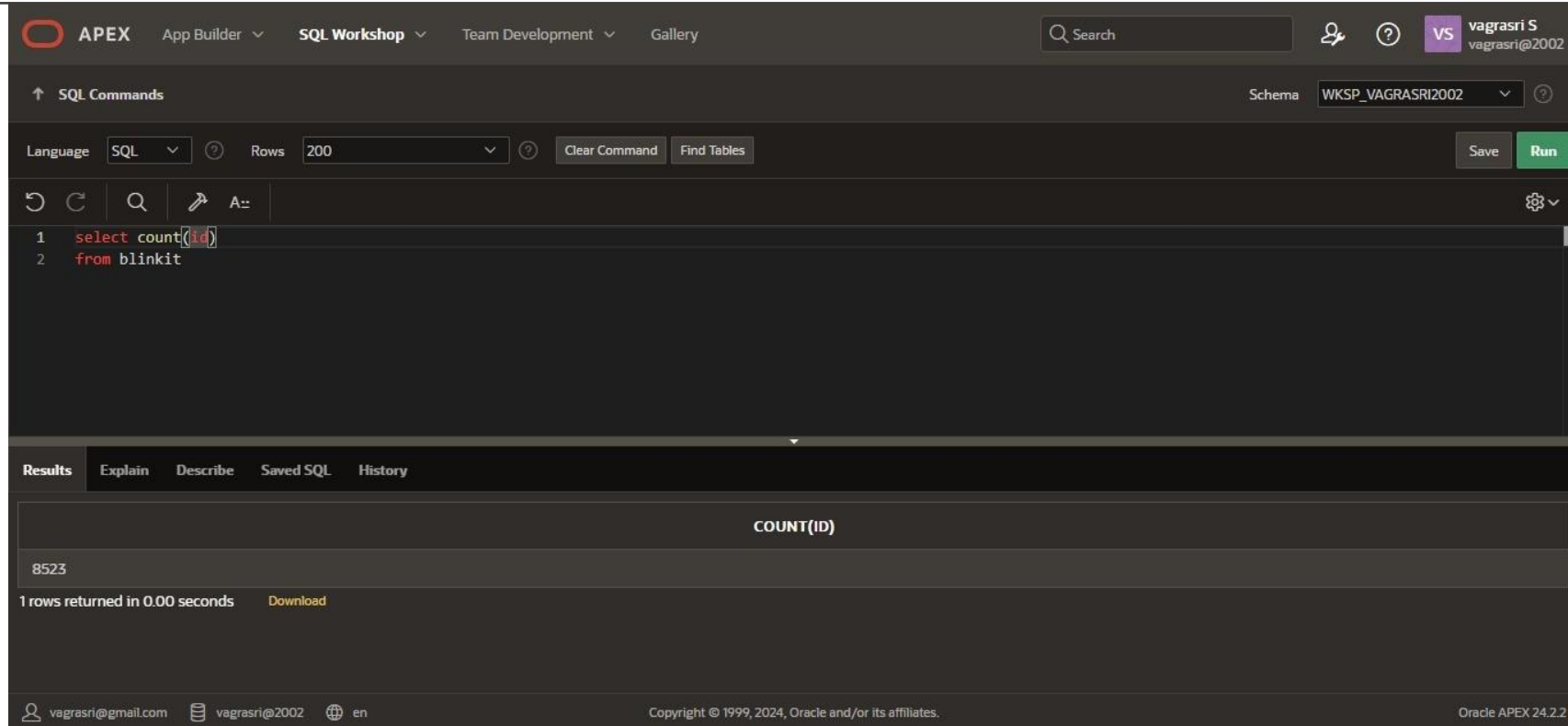
```
1 select count(id)
2 from blinkit
```

The 'Results' tab is active, showing a single row with the value '8523' under the column header 'COUNT(ID)'. Below the results, it states '1 rows returned in 0.00 seconds' and provides a 'Download' link. The footer contains the user email 'vagrasi@gmail.com', the workspace name 'vagrasi@2002', the language 'en', the copyright notice 'Copyright © 1999, 2024, Oracle and/or its affiliates.', and the version 'Oracle APEX 24.2.2'.

COUNT(ID)
8523

Step 3:

To calculate the Average of the rating



The screenshot displays the Oracle APEX SQL Workshop interface. At the top, the navigation bar includes 'APEX', 'App Builder', 'SQL Workshop', 'Team Development', and 'Gallery'. A search bar and user profile 'vagasri S' are also present. The 'SQL Commands' section shows the 'Language' set to 'SQL' and 'Rows' set to '200'. The SQL command entered is:

```
1 select count(id)
2 from blinkit
```

The 'Results' tab is active, showing a single row with the column header 'COUNT(ID)' and the value '8523'. Below the results, it states '1 rows returned in 0.00 seconds' with a 'Download' link. The footer contains the user's email 'vagasri@gmail.com', workspace 'vagasri@2002', language 'en', copyright notice, and 'Oracle APEX 24.2.2'.

COUNT(ID)
8523

Step 4:

To Total the sales

The screenshot displays the Oracle APEX SQL Workshop interface. The top navigation bar includes the APEX logo, 'App Builder', 'SQL Workshop', 'Team Development', and 'Gallery'. A search bar and user profile 'vagrasi S' are also present. The main area is titled 'SQL Commands' and shows the schema 'WKSP_VAGRASI2002'. The SQL editor contains the following query:

```
1 select round(sum(total_sales),2)
2 from blinkit
```

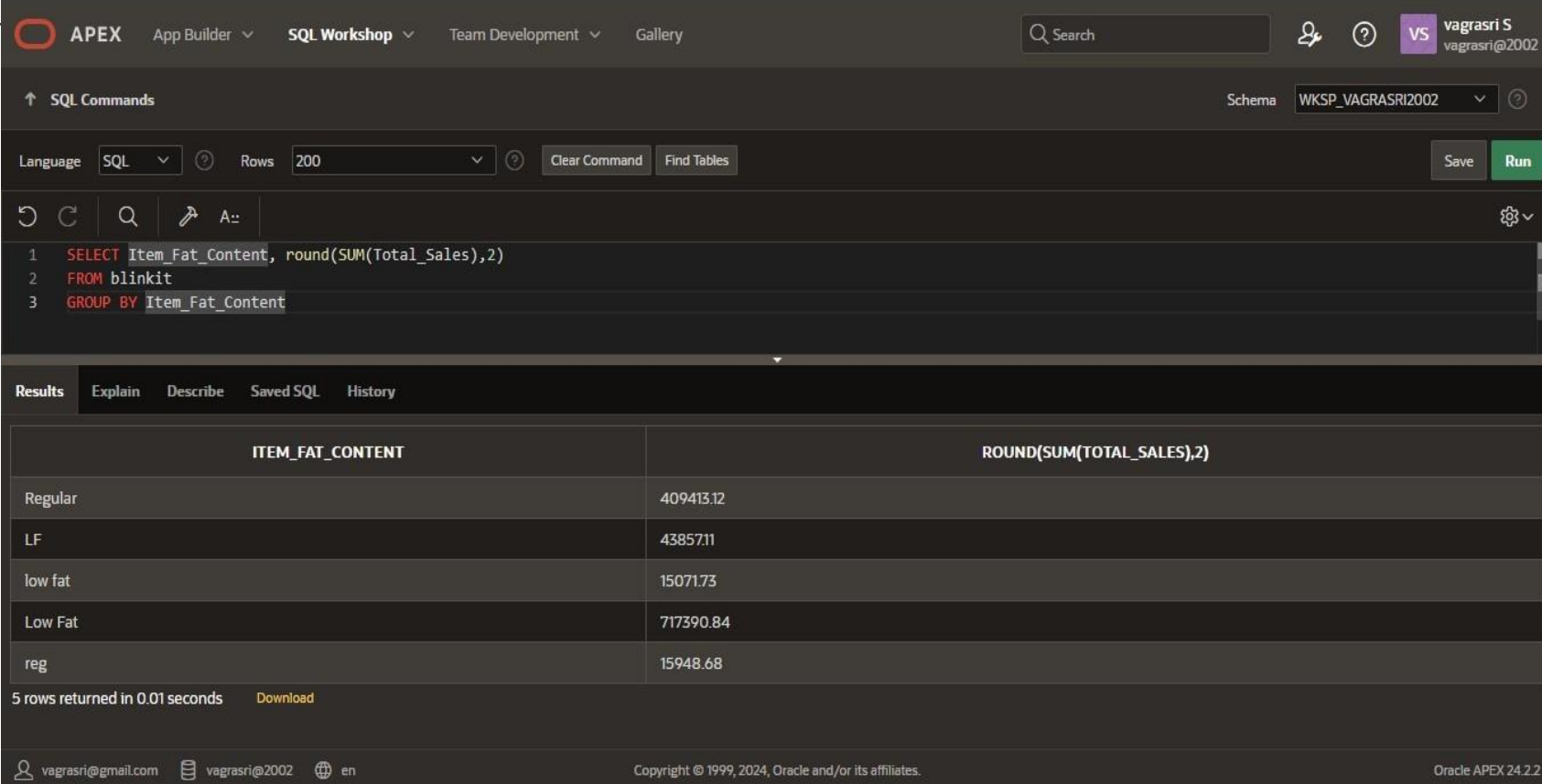
Below the editor, the 'Results' tab is active, showing the query result in a table with one row:

ROUND(SUM(TOTAL_SALES),2)
1201681.48

Below the table, it states '1 rows returned in 0.00 seconds' with a 'Download' link. The bottom status bar shows the user 'vagrasi@gmail.com', the workspace 'vagrasi@2002', the language 'en', and the copyright notice 'Copyright © 1999, 2024, Oracle and/or its affiliates. Oracle APEX 24.2.2'.

STEP 5:

Using Group function



The screenshot displays the Oracle APEX SQL Workshop interface. The top navigation bar includes the APEX logo, 'App Builder', 'SQL Workshop', 'Team Development', and 'Gallery'. A search bar and user profile 'vagrasi S' are also present. The 'SQL Commands' section shows a schema dropdown set to 'WKSP_VAGRASI2002'. Below this, the 'Language' is set to 'SQL' and 'Rows' to '200'. The SQL command area contains the following query:

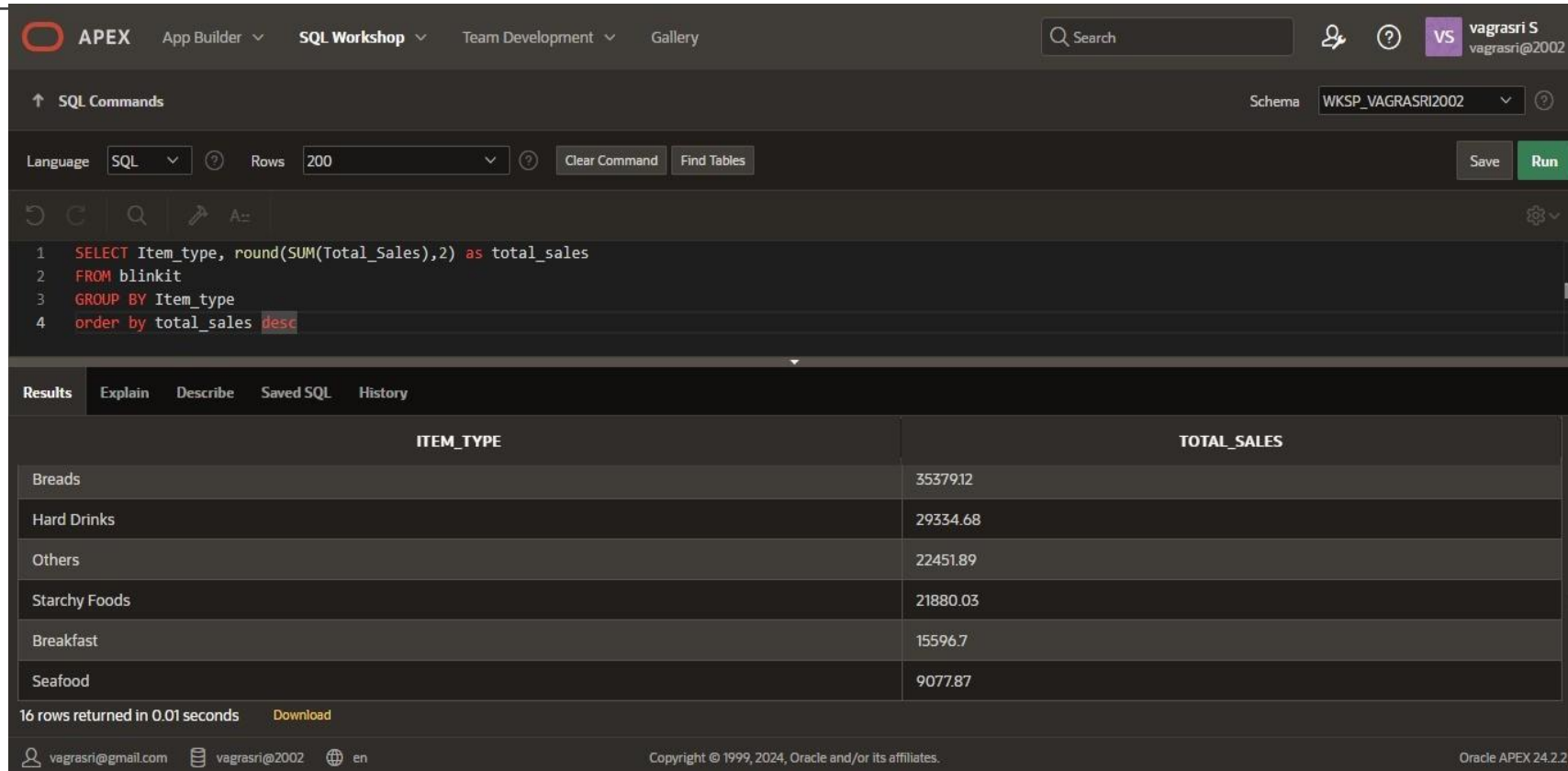
```
1 SELECT Item_Fat_Content, round(SUM(Total_Sales),2)
2 FROM blinkit
3 GROUP BY Item_Fat_Content
```

The 'Results' tab is active, showing a table with two columns: 'ITEM_FAT_CONTENT' and 'ROUND(SUM(TOTAL_SALES),2)'. The table contains five rows of data. Below the table, it states '5 rows returned in 0.01 seconds' with a 'Download' link. The footer shows the user 'vagrasi@gmail.com', workspace 'vagrasi@2002', language 'en', copyright information, and the version 'Oracle APEX 24.2.2'.

ITEM_FAT_CONTENT	ROUND(SUM(TOTAL_SALES),2)
Regular	409413.12
LF	43857.11
low fat	15071.73
Low Fat	717390.84
reg	15948.68

STEP 6:

using order by function for ordering the data



The screenshot displays the APEX SQL Workshop interface. At the top, the navigation bar includes 'APEX', 'App Builder', 'SQL Workshop', 'Team Development', and 'Gallery'. A search bar and user profile 'vagrasi S' are also present. Below the navigation bar, the 'SQL Commands' section shows the selected schema as 'WKSP_VAGRASI2002'. The SQL editor contains the following query:

```
1 SELECT Item_type, round(SUM(Total_Sales),2) as total_sales
2 FROM blinkit
3 GROUP BY Item_type
4 order by total_sales desc
```

The 'Results' tab is active, showing a table with two columns: 'ITEM_TYPE' and 'TOTAL_SALES'. The table contains six rows of data, ordered by total sales in descending order. Below the table, it states '16 rows returned in 0.01 seconds' with a 'Download' link. The footer includes the user 'vagrasi@gmail.com', the schema 'vagrasi@2002', the language 'en', the copyright notice 'Copyright © 1999, 2024, Oracle and/or its affiliates.', and the version 'Oracle APEX 24.2.2'.

ITEM_TYPE	TOTAL_SALES
Breads	35379.12
Hard Drinks	29334.68
Others	22451.89
Starchy Foods	21880.03
Breakfast	15596.7
Seafood	9077.87

STEP 7:

Grouping and ordering the Establishing year

The screenshot displays the Oracle APEX SQL Workshop interface. At the top, the navigation bar includes 'APEX', 'App Builder', 'SQL Workshop', 'Team Development', and 'Gallery'. A search bar and user profile 'vagrasi S' are also present. Below the navigation bar, the 'SQL Commands' section shows a schema dropdown set to 'WKSP_VAGRASI2002'. The 'Language' is set to 'SQL' and 'Rows' to '200'. The SQL command area contains the following query:

```
1 SELECT Outlet_Establishment_Year, round(SUM(Total_Sales) ,2) AS Total_Sales
2 FROM blinkit
3 GROUP BY Outlet_Establishment_Year
4 ORDER BY Outlet_Establishment_Year
```

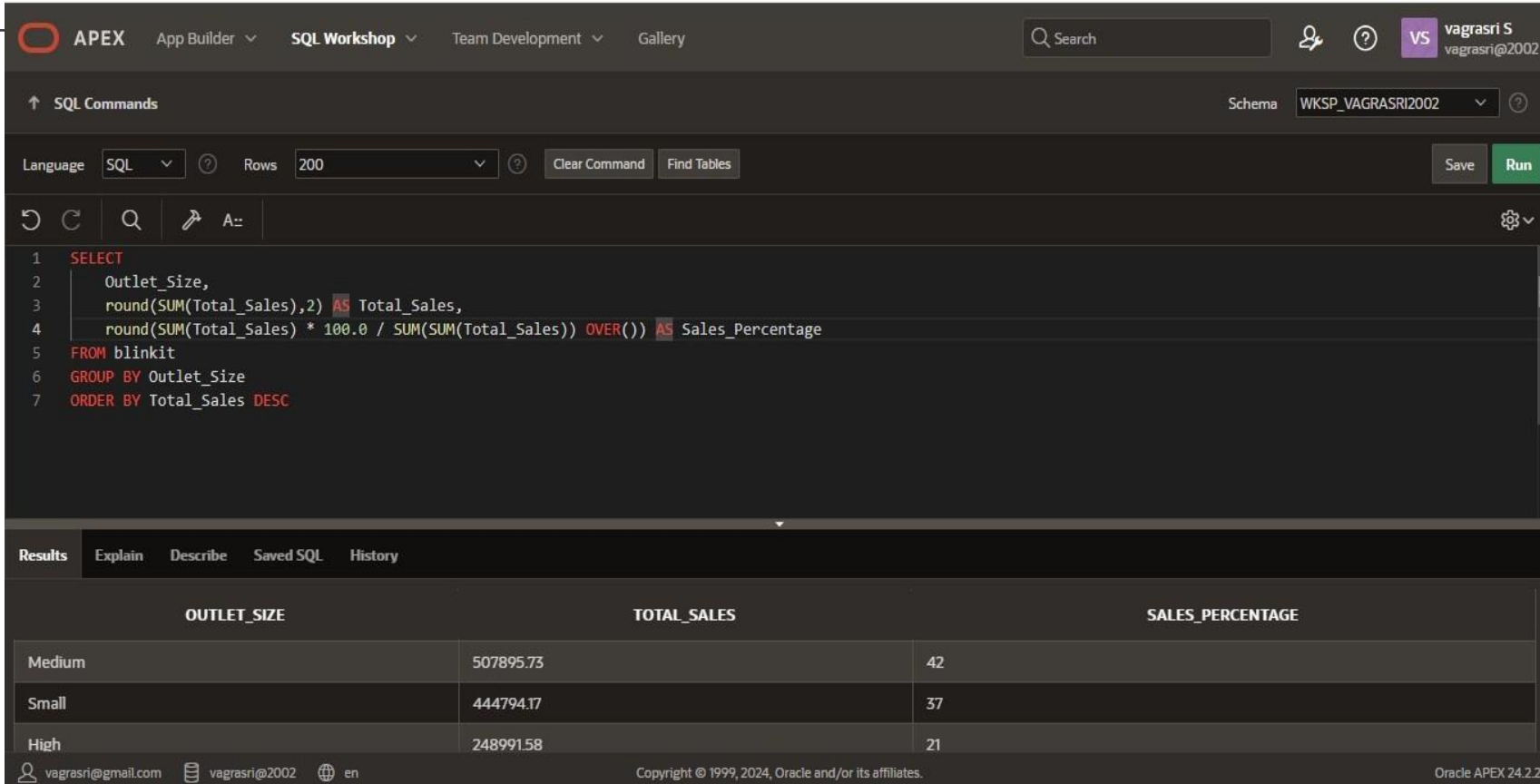
Below the query, the 'Results' tab is active, displaying a table with two columns: 'OUTLET_ESTABLISHMENT_YEAR' and 'TOTAL_SALES'. The table contains six rows of data:

OUTLET_ESTABLISHMENT_YEAR	TOTAL_SALES
2011	78131.56
2012	130476.86
2015	130942.78
2017	133103.91
2020	129103.96
2022	131477.77

At the bottom of the results section, it states '9 rows returned in 0.01 seconds' with a 'Download' link. The footer of the interface shows the user 'vagrasi@gmail.com', the workspace 'vagrasi@2002', the language 'en', the copyright notice 'Copyright © 1999, 2024, Oracle and/or its affiliates.', and the version 'Oracle APEX 24.2.2'.

STEP 8:

To calculate percentage of total sales



The screenshot displays the Oracle APEX SQL Workshop interface. The top navigation bar includes the APEX logo, 'App Builder', 'SQL Workshop', 'Team Development', and 'Gallery'. A search bar and user profile 'vagrasi S' are also present. The 'SQL Commands' section shows the selected schema as 'WKSP_VAGRASI2002'. The SQL editor contains the following query:

```
1 SELECT
2   Outlet_Size,
3   round(SUM(Total_Sales),2) AS Total_Sales,
4   round(SUM(Total_Sales) * 100.0 / SUM(SUM(Total_Sales)) OVER()) AS Sales_Percentage
5 FROM blinkit
6 GROUP BY Outlet_Size
7 ORDER BY Total_Sales DESC
```

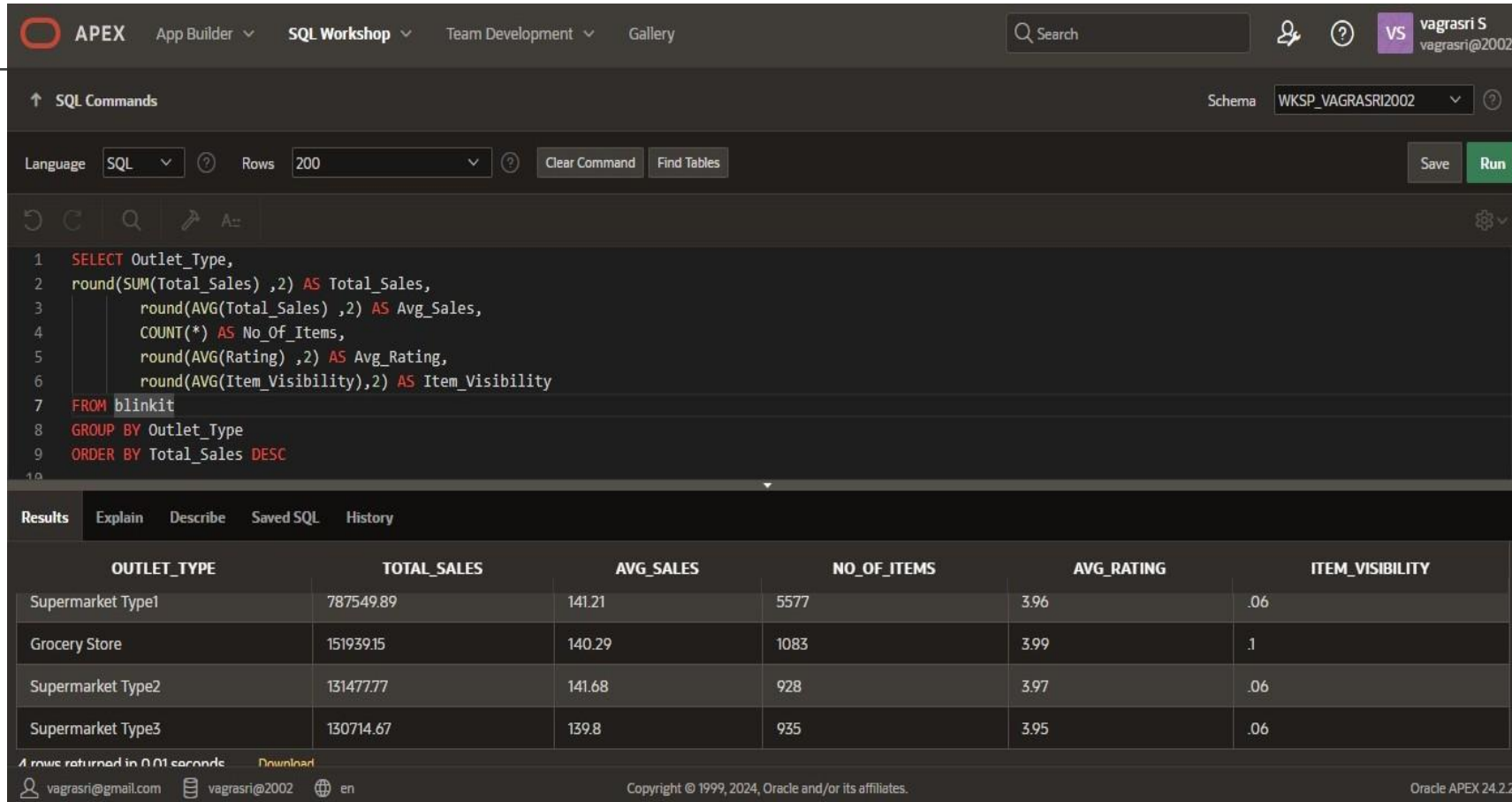
Below the editor, the 'Results' tab is active, displaying a table with three columns: 'OUTLET_SIZE', 'TOTAL_SALES', and 'SALES_PERCENTAGE'. The table contains three rows of data:

OUTLET_SIZE	TOTAL_SALES	SALES_PERCENTAGE
Medium	507895.73	42
Small	444794.17	37
High	248991.58	21

The footer of the interface shows the user 'vagrasi@gmail.com', the workspace 'vagrasi@2002', the language 'en', the copyright notice 'Copyright © 1999, 2024, Oracle and/or its affiliates.', and the version 'Oracle APEX 24.2.2'.

STEP 9:

For Content by Outlet for Total Sales



The screenshot displays the Oracle APEX SQL Workshop interface. The top navigation bar includes 'APEX', 'App Builder', 'SQL Workshop', 'Team Development', and 'Gallery'. A search bar and user profile 'vagrasi S' are on the right. The 'SQL Commands' section shows a schema dropdown set to 'WKSP_VAGRASI2002'. Below this, the 'Language' is set to 'SQL' and 'Rows' to '200'. The SQL command area contains the following query:

```
1 SELECT Outlet_Type,
2    round(SUM(Total_Sales) ,2) AS Total_Sales,
3        round(AVG(Total_Sales) ,2) AS Avg_Sales,
4        COUNT(*) AS No_Of_Items,
5        round(AVG(Rating) ,2) AS Avg_Rating,
6        round(AVG(Item_Visibility),2) AS Item_Visibility
7 FROM blinkit
8 GROUP BY Outlet_Type
9 ORDER BY Total_Sales DESC
```

The 'Results' tab is active, showing a table with 6 columns: OUTLET_TYPE, TOTAL_SALES, AVG_SALES, NO_OF_ITEMS, AVG_RATING, and ITEM_VISIBILITY. The table contains 4 rows of data. At the bottom, a status bar indicates '4 rows returned in 0.01 seconds' and includes a 'Download' link. The footer shows the user 'vagrasi@gmail.com', the workspace 'vagrasi@2002', and the Oracle APEX version '24.2.2'.

OUTLET_TYPE	TOTAL_SALES	AVG_SALES	NO_OF_ITEMS	AVG_RATING	ITEM_VISIBILITY
Supermarket Type1	787549.89	141.21	5577	3.96	.06
Grocery Store	151939.15	140.29	1083	3.99	.1
Supermarket Type2	131477.77	141.68	928	3.97	.06
Supermarket Type3	130714.67	139.8	935	3.95	.06