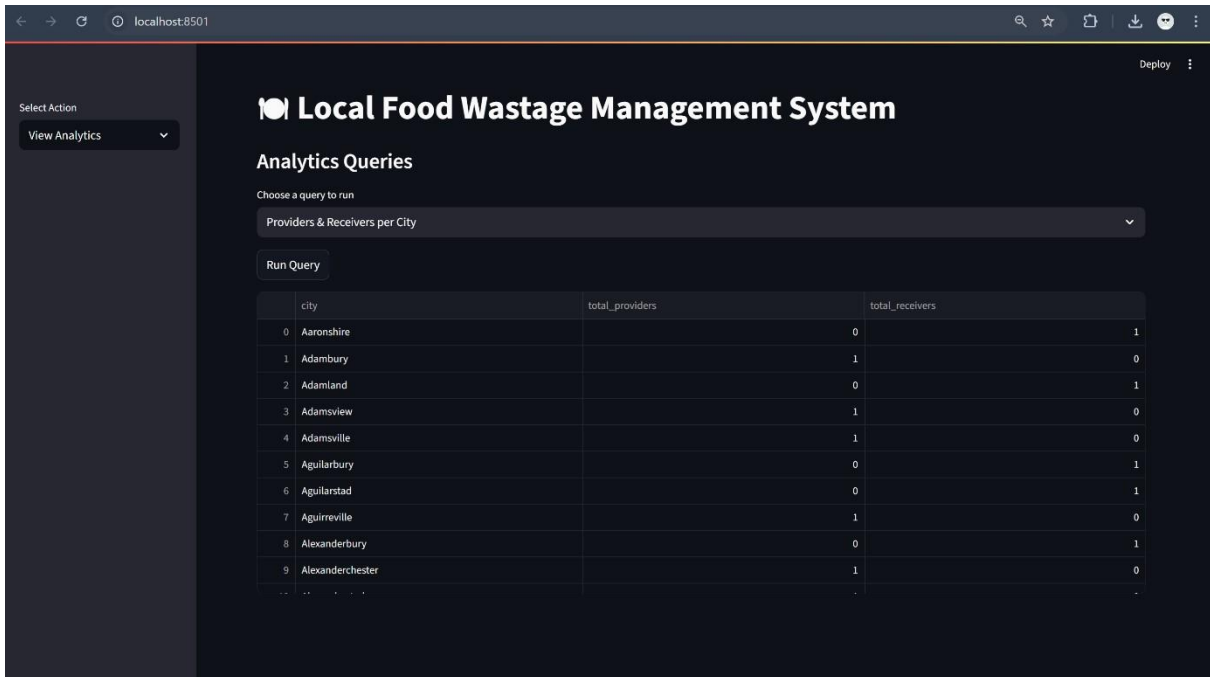


Streamlit Application Screenshots

SQL Queries and Analysis Screenshots :

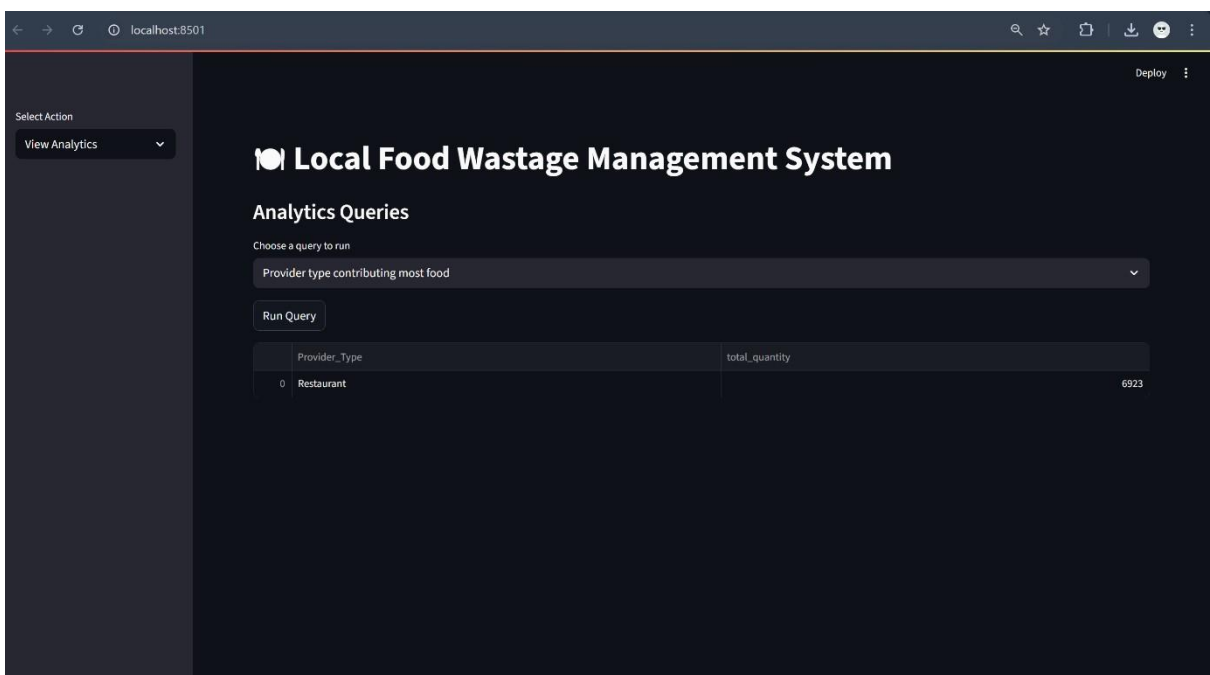
1. How many food providers and receivers are there in each city?



The screenshot shows the Streamlit application interface for the 'Local Food Wastage Management System'. The 'Analytics Queries' section is active, displaying a table with the results of the query 'Providers & Receivers per City'. The table has three columns: 'city', 'total_providers', and 'total_receivers'. The data is as follows:

	city	total_providers	total_receivers
0	Aaronsshire	0	1
1	Adambury	1	0
2	Adamlan	0	1
3	Adamsview	1	0
4	Adamsville	1	0
5	Aguilarbury	0	1
6	Aguilarstad	0	1
7	Aguirreville	1	0
8	Alexanderbury	0	1
9	Alexanderchester	1	0

2. Which type of food provider (restaurant, grocery store, etc.) contributes the most food?



The screenshot shows the Streamlit application interface for the 'Local Food Wastage Management System'. The 'Analytics Queries' section is active, displaying a table with the results of the query 'Provider type contributing most food'. The table has two columns: 'Provider_Type' and 'total_quantity'. The data is as follows:

	Provider_Type	total_quantity
0	Restaurant	6923

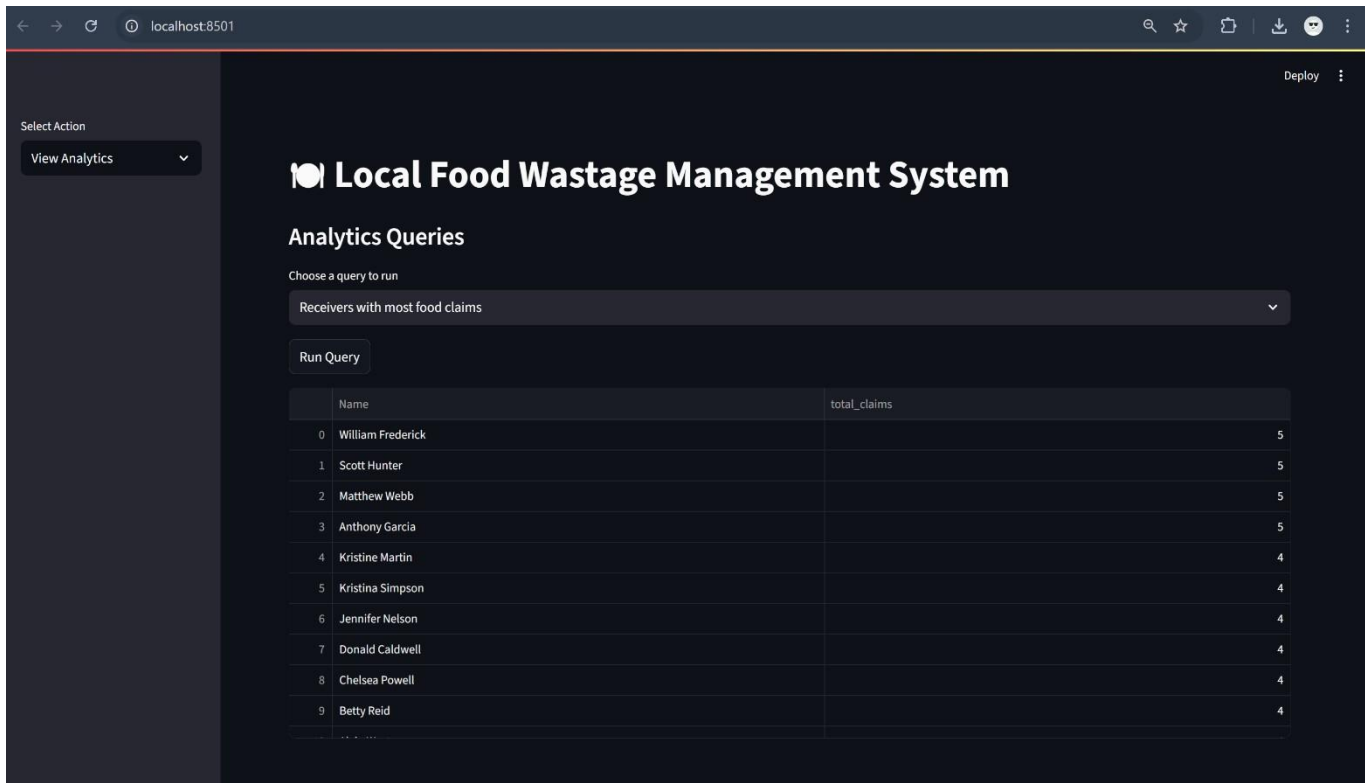
3. What is the contact information of food providers in a specific city?



The screenshot shows the 'Local Food Wastage Management System' interface. On the left, a sidebar contains a 'Select Action' dropdown menu with 'View Analytics' selected. The main area is titled 'Analytics Queries' and features a dropdown menu with the query 'Contact info of providers in a specific city'. Below the dropdown is a 'Run Query' button. The results are displayed in a table with two columns: 'Name' and 'Contact'.

	Name	Contact
0	Greene-Garcia	155.846.6299

4. Which receivers have claimed the most food?



The screenshot shows the 'Local Food Wastage Management System' interface. On the left, a sidebar contains a 'Select Action' dropdown menu with 'View Analytics' selected. The main area is titled 'Analytics Queries' and features a dropdown menu with the query 'Receivers with most food claims'. Below the dropdown is a 'Run Query' button. The results are displayed in a table with two columns: 'Name' and 'total_claims'.

	Name	total_claims
0	William Frederick	5
1	Scott Hunter	5
2	Matthew Webb	5
3	Anthony Garcia	5
4	Kristine Martin	4
5	Kristina Simpson	4
6	Jennifer Nelson	4
7	Donald Caldwell	4
8	Chelsea Powell	4
9	Betty Reid	4

5. What is the total quantity of food available from all providers?

The screenshot shows a web application titled "Local Food Wastage Management System". On the left, a sidebar contains a "Select Action" dropdown menu with "View Analytics" selected. The main content area is titled "Analytics Queries" and includes a "Choose a query to run" dropdown menu with "Total quantity of food available" selected. Below this is a "Run Query" button. The query results are displayed in a table with two columns: "total_available_food" and a numerical value "25794".

	total_available_food
0	25794

6. Which city has the highest number of food listings?

The screenshot shows the same web application as above. The "Choose a query to run" dropdown menu now has "City with highest number of food listings" selected. The "Run Query" button is visible. The query results are displayed in a table with two columns: "Location" and "total_listings". The results show "South Kathryn" with a value of "6".

	Location	total_listings
0	South Kathryn	6

7. What are the most commonly available food types?

The screenshot shows a web application titled "Local Food Wastage Management System". On the left, a sidebar contains a "Select Action" dropdown menu with "View Analytics" selected. The main content area is titled "Analytics Queries" and features a dropdown menu with the query "Most commonly available food types" and a "Run Query" button. Below the button, a table displays the results of the query.

	Food_Type	count
0	Vegetarian	336
1	Vegan	334
2	Non-Vegetarian	330

8. How many food claims have been made for each food item?

The screenshot shows the same web application as above, but with the query "Number of claims made for each food item" selected in the dropdown menu. The "Run Query" button has been clicked, and a table displays the results.

	Food_ID	total_claims
0	1	2
1	3	1
2	6	1
3	7	1
4	9	2
5	11	1
6	13	1
7	16	3
8	17	1
9	18	1
10	19	1

9. Which provider has had the highest number of successful food claims?

The screenshot shows a web application titled "Local Food Wastage Management System" with a sidebar on the left containing a "Select Action" dropdown menu with "View Analytics" selected. The main content area is titled "Analytics Queries" and includes a "Choose a query to run" dropdown menu with "Provider with highest number of successful food claims" selected. Below the dropdown is a "Run Query" button. The results are displayed in a table with two columns: "Name" and "completed_claims".

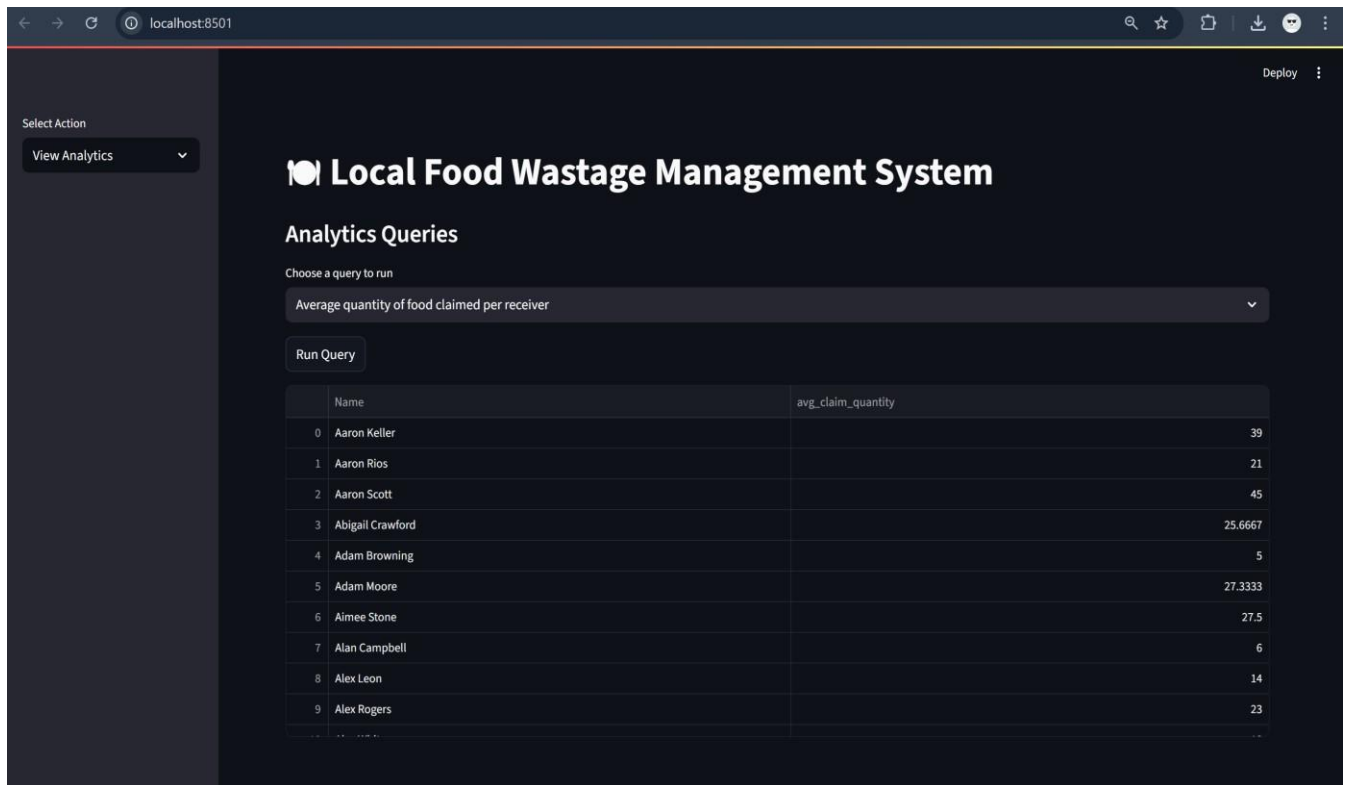
	Name	completed_claims
0	Barry Group	5

10. What percentage of food claims are completed vs. pending vs. canceled?

The screenshot shows the same web application as above, but with the "Choose a query to run" dropdown menu set to "Percentage of food claims completed vs pending vs canceled". The "Run Query" button has been clicked, and the results are displayed in a table with two columns: "Status" and "percentage".

	Status	percentage
0	Cancelled	33.6
1	Completed	33.9
2	Pending	32.5

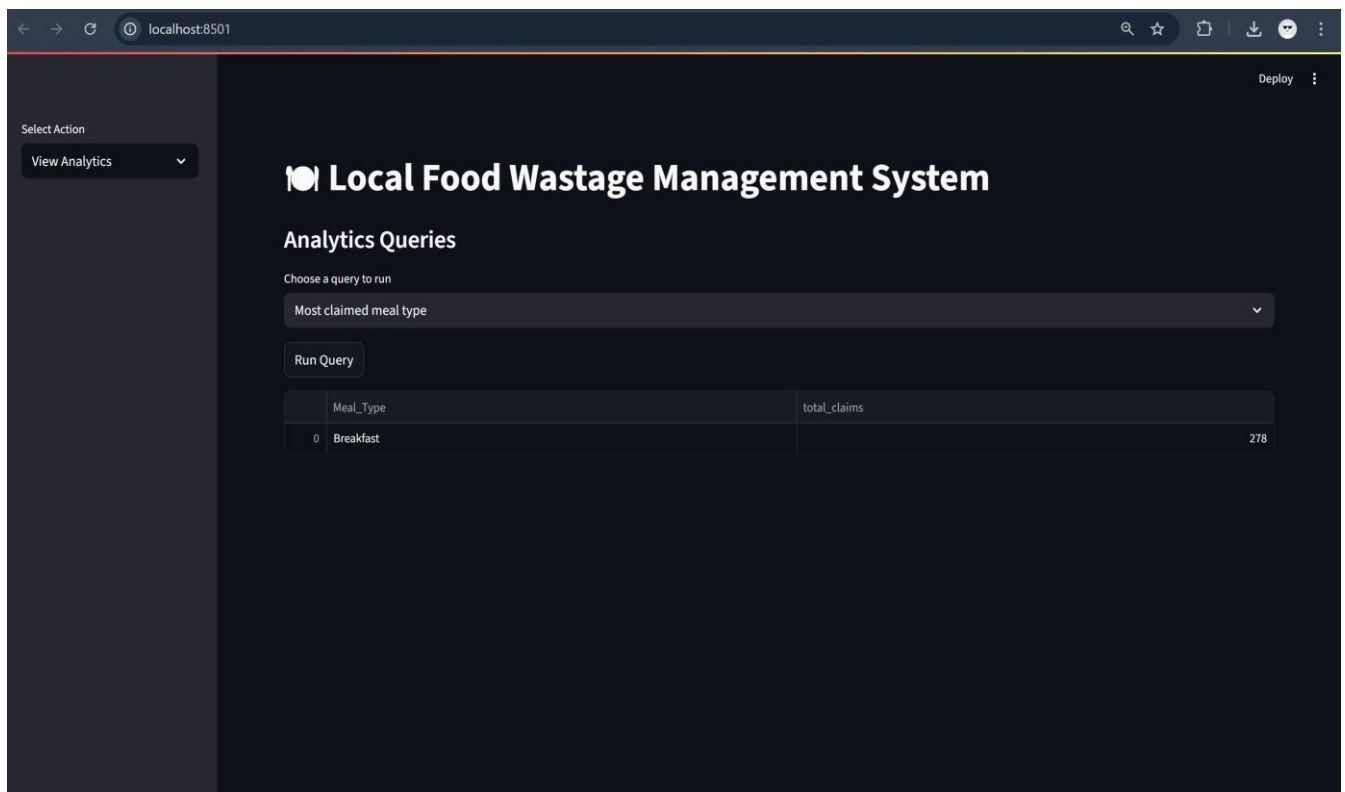
11. What is the average quantity of food claimed per receiver?



The screenshot shows a web application titled "Local Food Wastage Management System" with a sidebar on the left containing a "Select Action" dropdown menu with "View Analytics" selected. The main content area is titled "Analytics Queries" and features a dropdown menu with "Average quantity of food claimed per receiver" selected. Below the dropdown is a "Run Query" button. The results are displayed in a table with two columns: "Name" and "avg_claim_quantity".

	Name	avg_claim_quantity
0	Aaron Keller	39
1	Aaron Rios	21
2	Aaron Scott	45
3	Abigail Crawford	25.6667
4	Adam Browning	5
5	Adam Moore	27.3333
6	Aimee Stone	27.5
7	Alan Campbell	6
8	Alex Leon	14
9	Alex Rogers	23

12. Which meal type (breakfast, lunch, dinner, snacks) is claimed the most?



The screenshot shows the same web application as above, but with the dropdown menu set to "Most claimed meal type". The "Run Query" button is visible, and the results are displayed in a table with two columns: "Meal_Type" and "total_claims".

	Meal_Type	total_claims
0	Breakfast	278

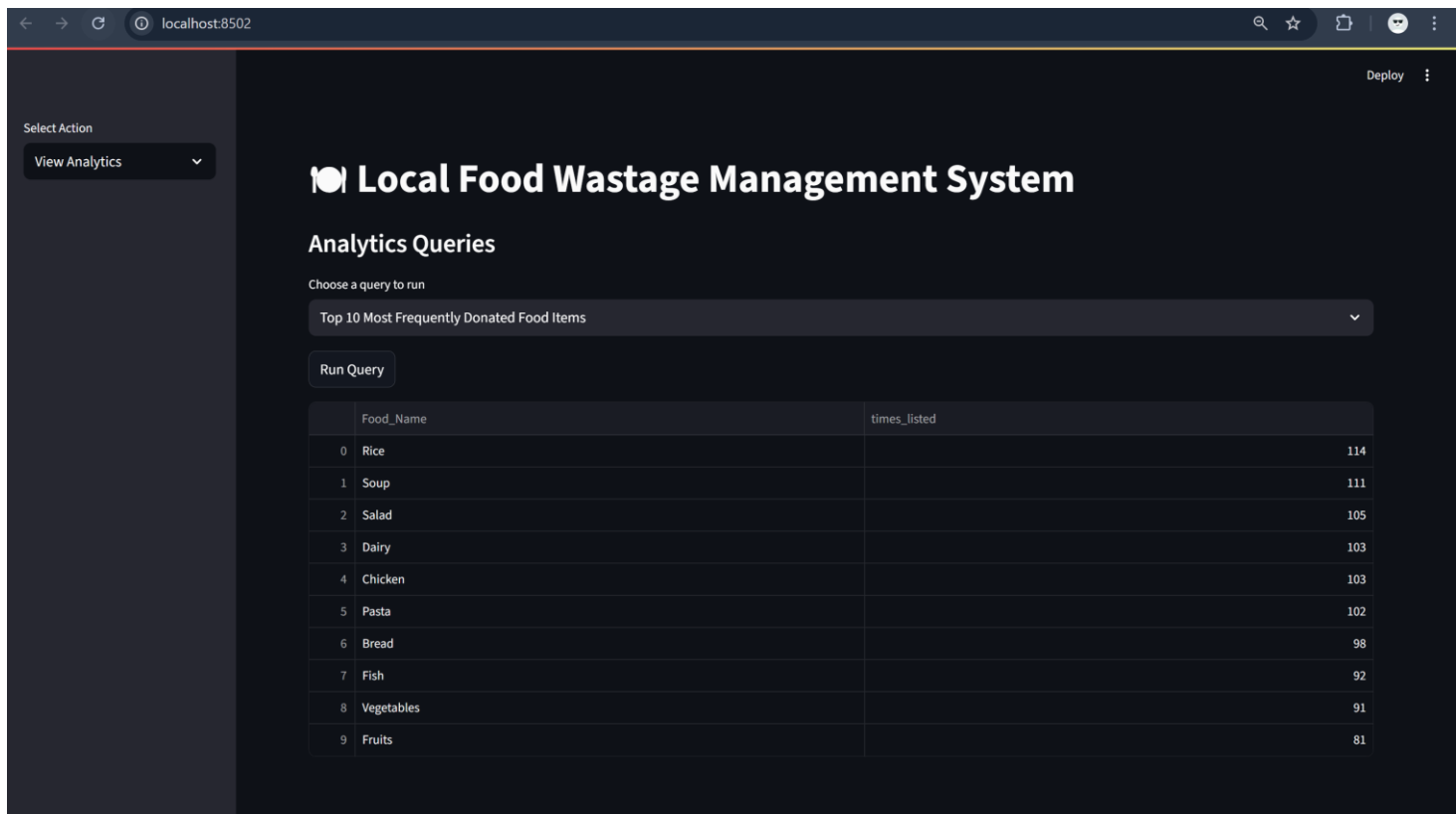
13. What is the total quantity of food donated by each provider?



The screenshot shows a web application interface for the 'Local Food Wastage Management System'. On the left, a sidebar contains a 'Select Action' dropdown menu with 'View Analytics' selected. The main content area is titled 'Analytics Queries' and features a dropdown menu with the query 'Total quantity of food donated by each provider'. Below this is a 'Run Query' button. The resulting data is displayed in a table with two columns: 'Name' and 'total_donated'.

	Name	total_donated
0	Miller Inc	217
1	Barry Group	179
2	Evans, Wright and Mitchell	158
3	Smith Group	150
4	Campbell LLC	145
5	Nelson LLC	142
6	Ruiz-Oneal	140
7	Blankenship-Lewis	124
8	Kelly-Ware	123
9	Bradford-Martinez	121

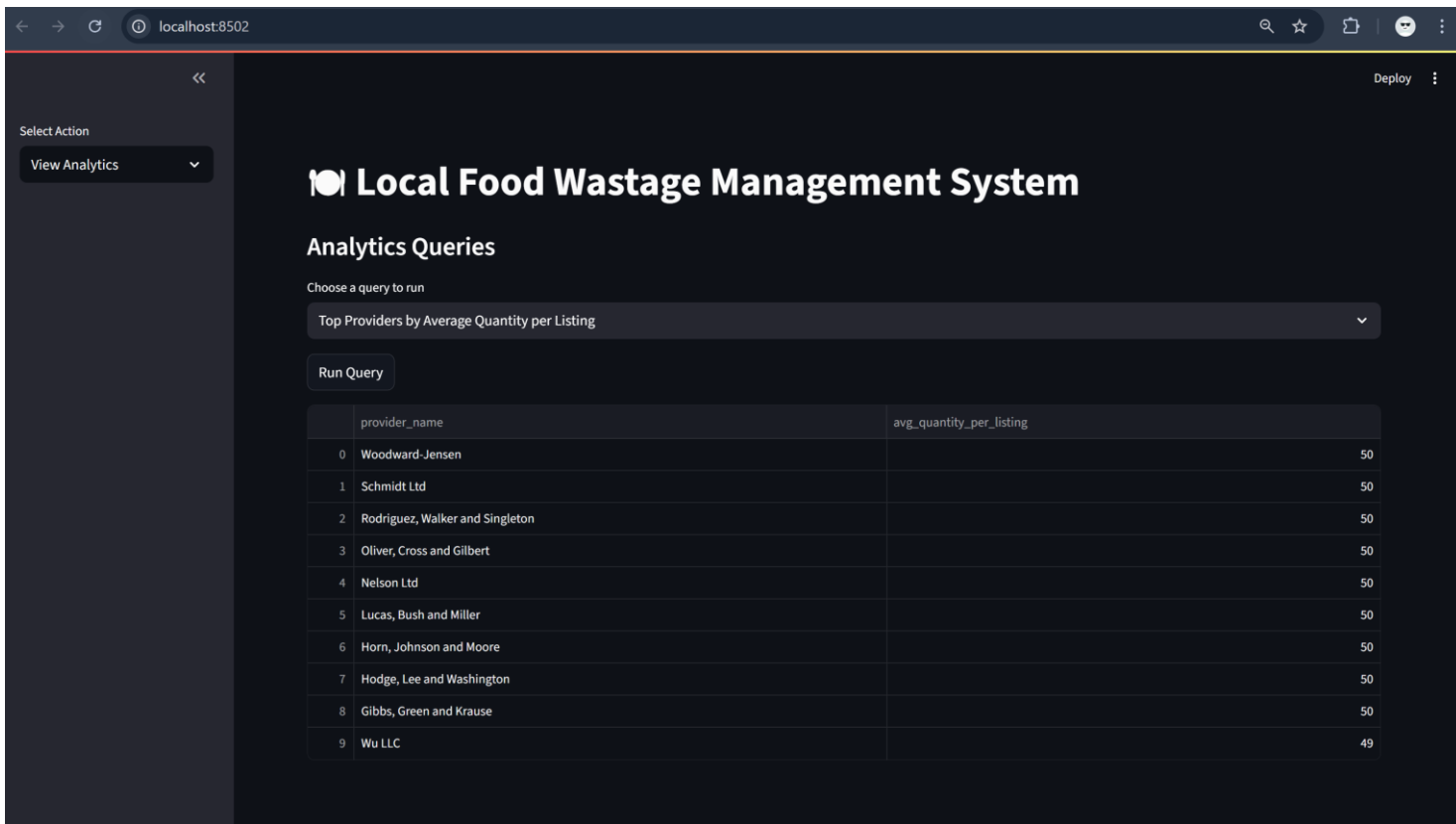
14. Top 10 Most Frequently Donated Food Items



The screenshot shows the same web application interface as above, but with the query 'Top 10 Most Frequently Donated Food Items' selected in the dropdown menu. The 'Run Query' button has been clicked, and the resulting data is displayed in a table with two columns: 'Food_Name' and 'times_listed'.

	Food_Name	times_listed
0	Rice	114
1	Soup	111
2	Salad	105
3	Dairy	103
4	Chicken	103
5	Pasta	102
6	Bread	98
7	Fish	92
8	Vegetables	91
9	Fruits	81

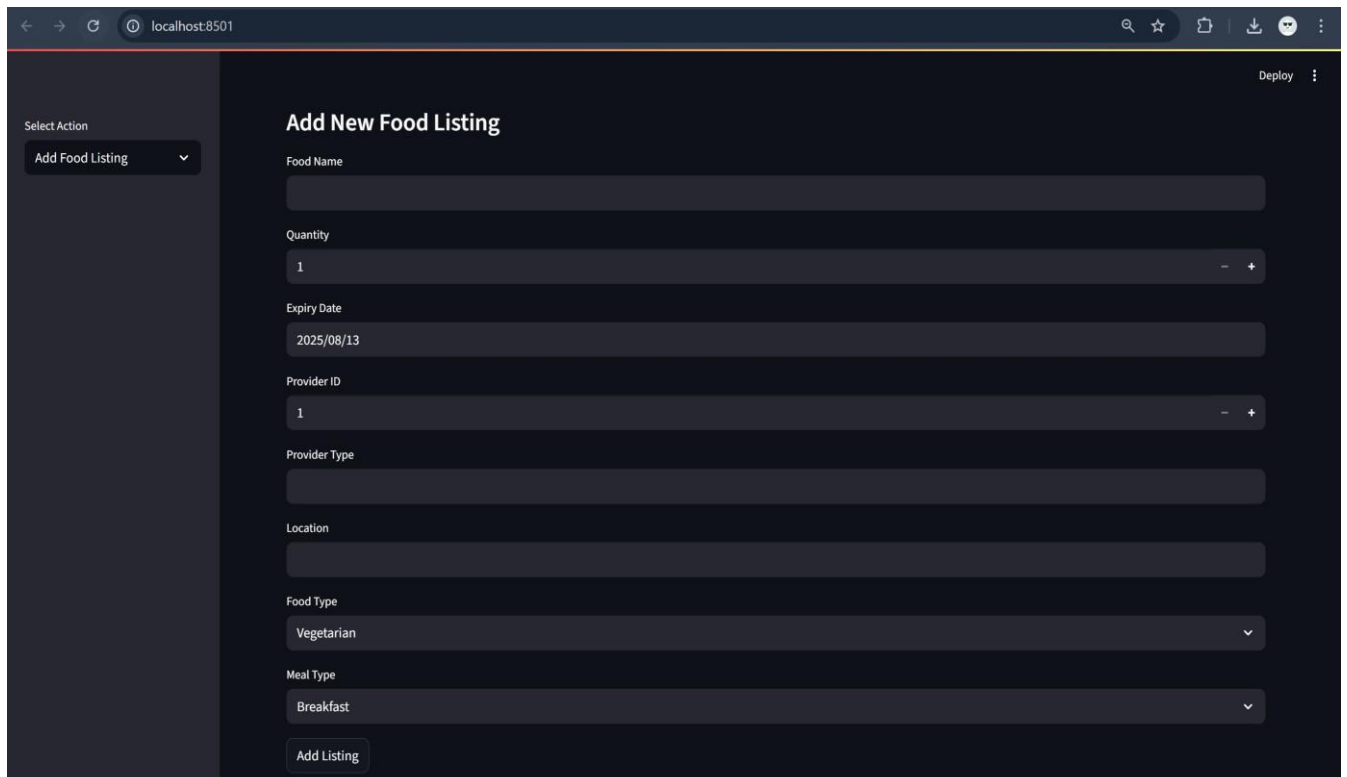
15. Top Providers by Average Quantity per Listing



The screenshot shows a web application interface for the "Local Food Wastage Management System". On the left, there is a sidebar with a "Select Action" dropdown menu set to "View Analytics". The main content area is titled "Analytics Queries" and features a dropdown menu to "Choose a query to run", which is currently set to "Top Providers by Average Quantity per Listing". Below this, there is a "Run Query" button. The results are displayed in a table with two columns: "provider_name" and "avg_quantity_per_listing". The table lists 10 providers, with the first 9 having an average quantity of 50 and the last one (Wu LLC) having 49.

	provider_name	avg_quantity_per_listing
0	Woodward-Jensen	50
1	Schmidt Ltd	50
2	Rodriguez, Walker and Singleton	50
3	Oliver, Cross and Gilbert	50
4	Nelson Ltd	50
5	Lucas, Bush and Miller	50
6	Horn, Johnson and Moore	50
7	Hodge, Lee and Washington	50
8	Gibbs, Green and Krause	50
9	Wu LLC	49

16. Add a record into food wastage database



The screenshot shows the "Add New Food Listing" form in the web application. The left sidebar has a "Select Action" dropdown menu set to "Add Food Listing". The main form area contains several input fields: "Food Name" (text input), "Quantity" (numeric input with a value of 1 and minus/plus buttons), "Expiry Date" (date input with a value of 2025/08/13), "Provider ID" (numeric input with a value of 1 and minus/plus buttons), "Provider Type" (text input), "Location" (text input), "Food Type" (dropdown menu with "Vegetarian" selected), and "Meal Type" (dropdown menu with "Breakfast" selected). At the bottom of the form is an "Add Listing" button.

17. Update a record in food wastage database

The screenshot shows a web browser at localhost:8501 displaying the 'Local Food Wastage Management System'. On the left, a sidebar contains a 'Select Action' dropdown menu with 'Update Food Listing' selected. The main content area is titled 'Update Food Listing Quantity'. It features two input fields: 'Food ID to Update' with the value '1' and 'New Quantity' with the value '1'. Both fields have increment and decrement buttons. Below these fields is an 'Update Quantity' button. A 'Deploy' button is visible in the top right corner of the interface.

18. Delete a record in food wastage database

The screenshot shows the same web browser at localhost:8501, but the 'Select Action' dropdown menu in the sidebar now has 'Delete Food Listing' selected. The main content area is titled 'Delete Food Listing'. It features a single input field labeled 'Food ID to Delete' with the value '1' and increment/decrement buttons. Below this field is a 'Delete Listing' button. The 'Deploy' button remains in the top right corner.