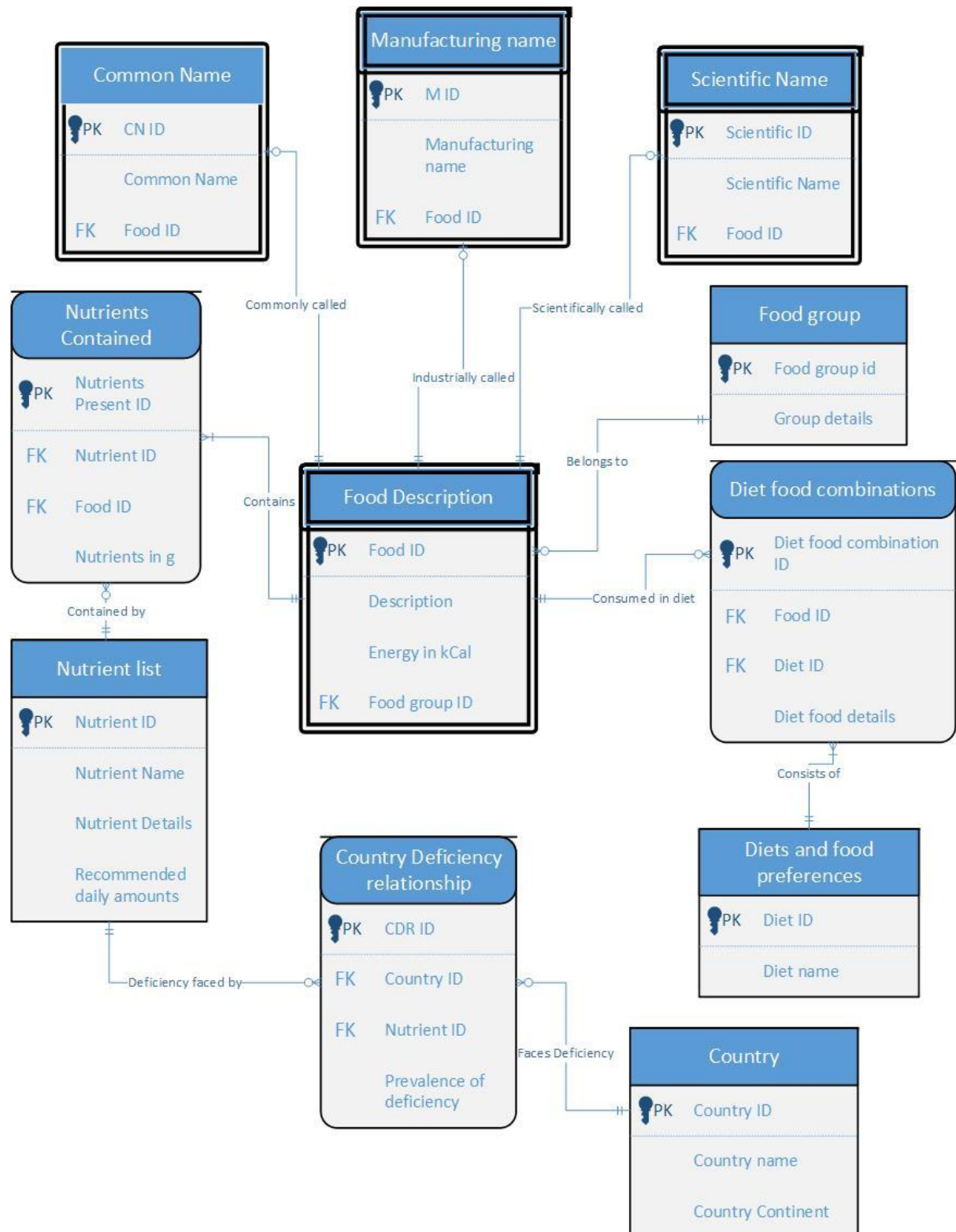
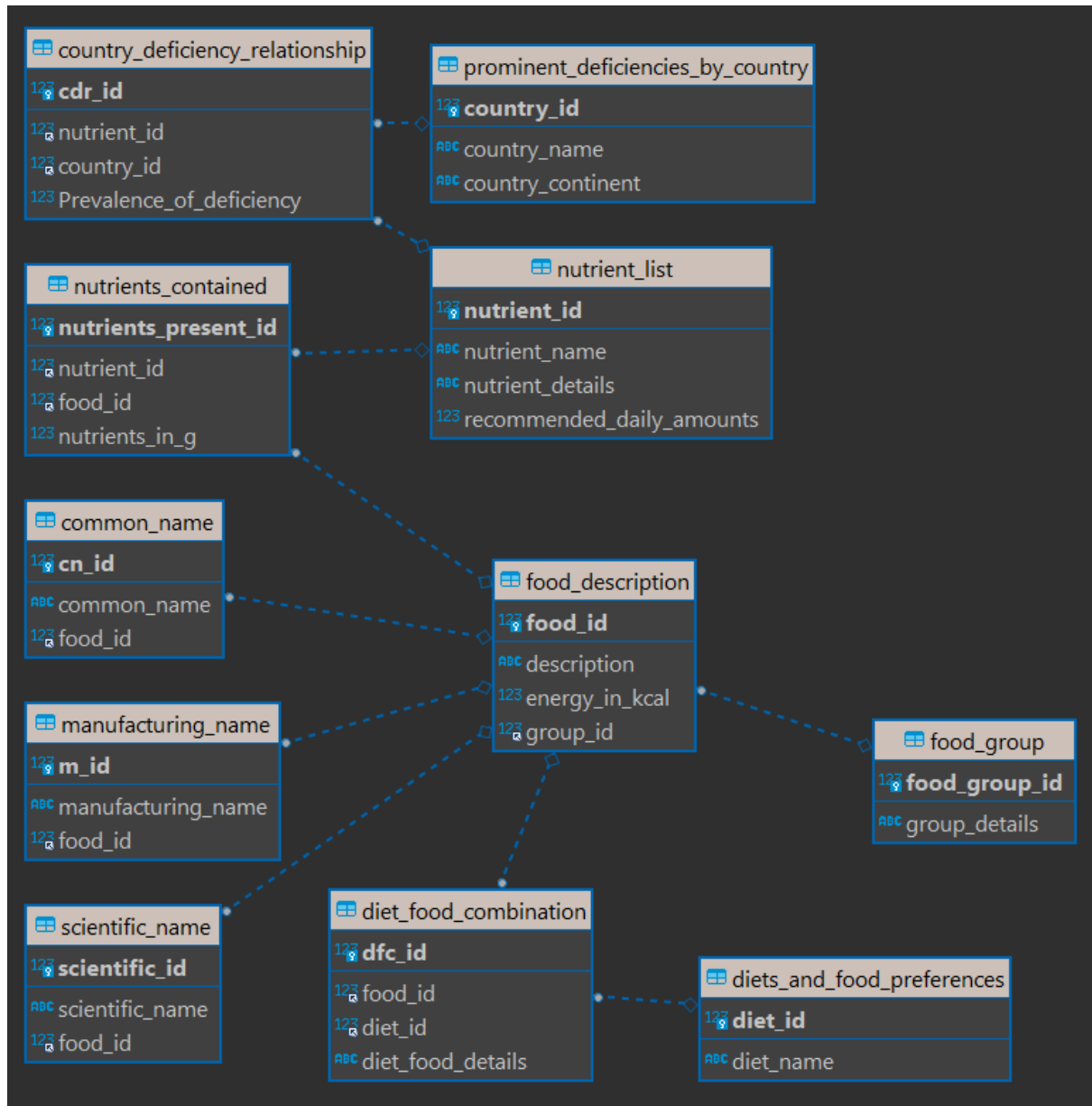


SPRINT 3

Corrected ER Diagram



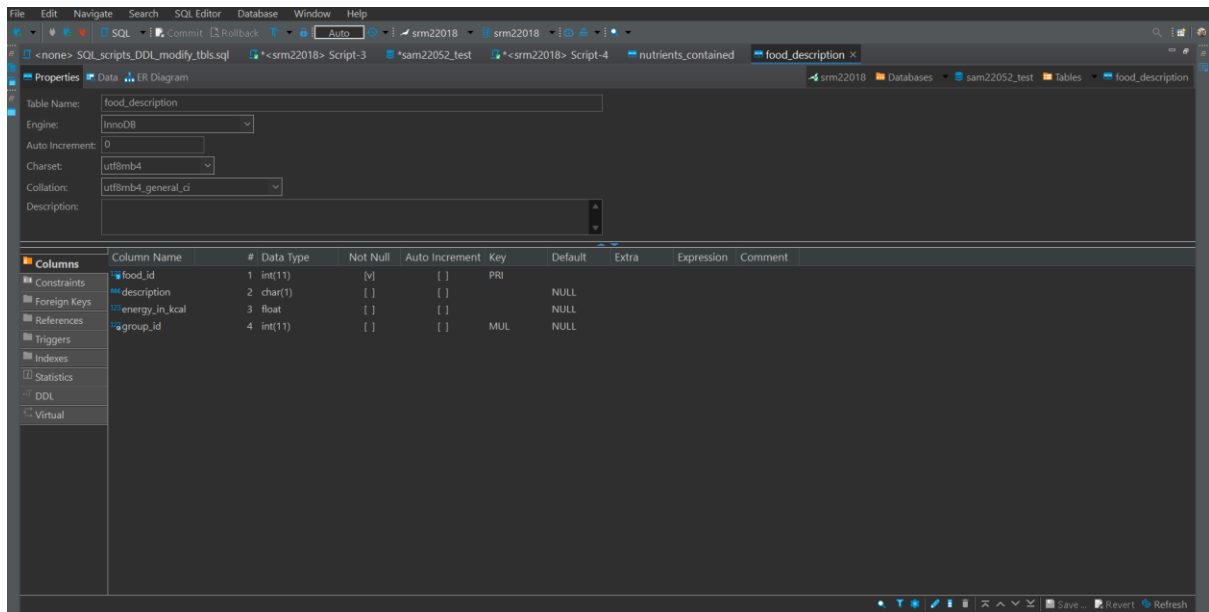
ER Diagram generated from MariaDB data (using DBeaver)



Column detail and Stats details for each table

1. food_description

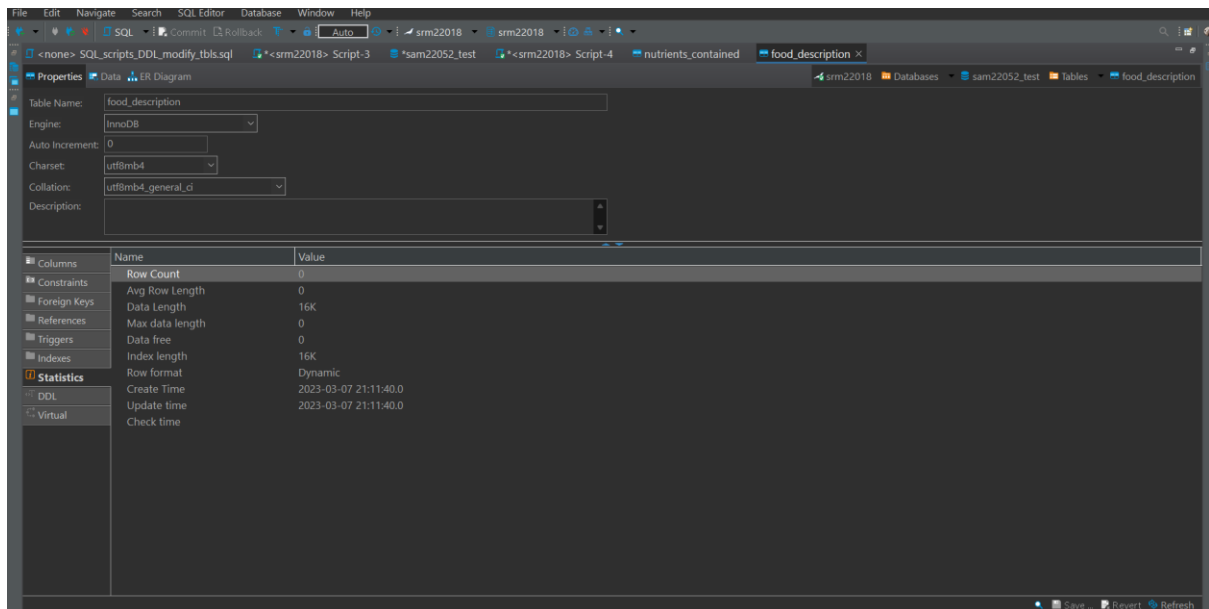
Column detail



The screenshot shows the 'Columns' tab in SQL Studio for the 'food_description' table. The table is in the 'srm22018' database. The columns are: food_id (int(11), primary key), description (char(1)), energy_in_kcal (float), and group_id (int(11), foreign key to nutrients_contained). The table is using the InnoDB engine, utf8mb4 charset, and utf8mb4_general_ci collation.

Column Name	#	Data Type	Not Null	Auto Increment	Key	Default	Extra	Expression	Comment
food_id	1	int(11)	[v]	[]	PRI				
description	2	char(1)	[]	[]		NULL			
energy_in_kcal	3	float	[]	[]		NULL			
group_id	4	int(11)	[]	[]	MUL	NULL			

Statistics detail

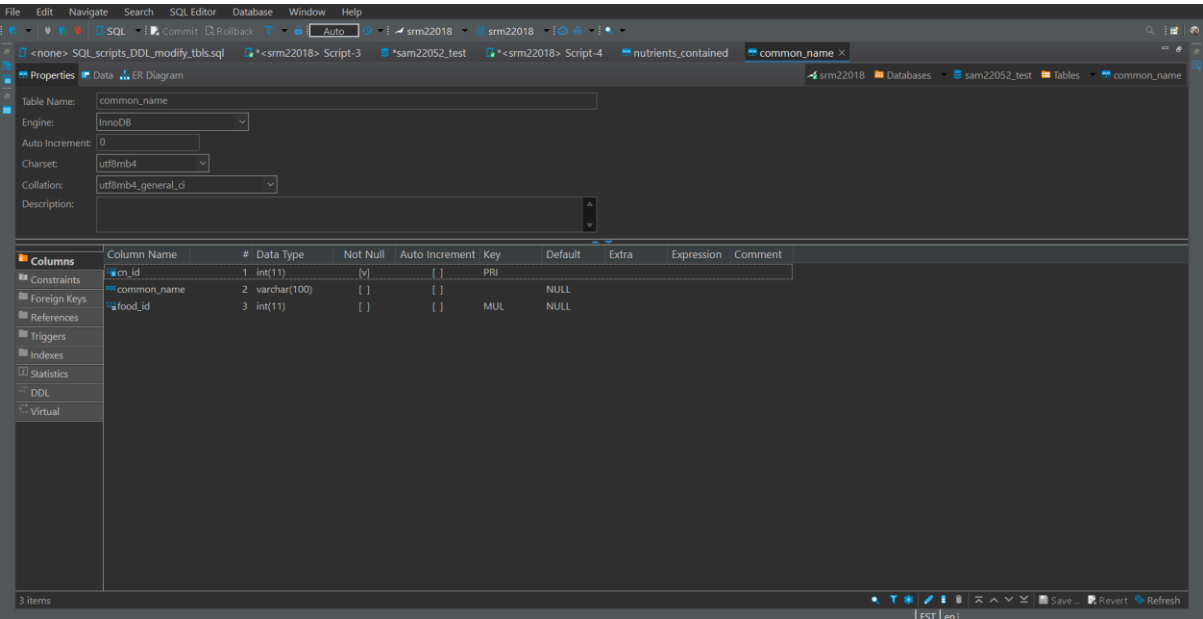


The screenshot shows the 'Statistics' tab in SQL Studio for the 'food_description' table. The statistics are as follows:

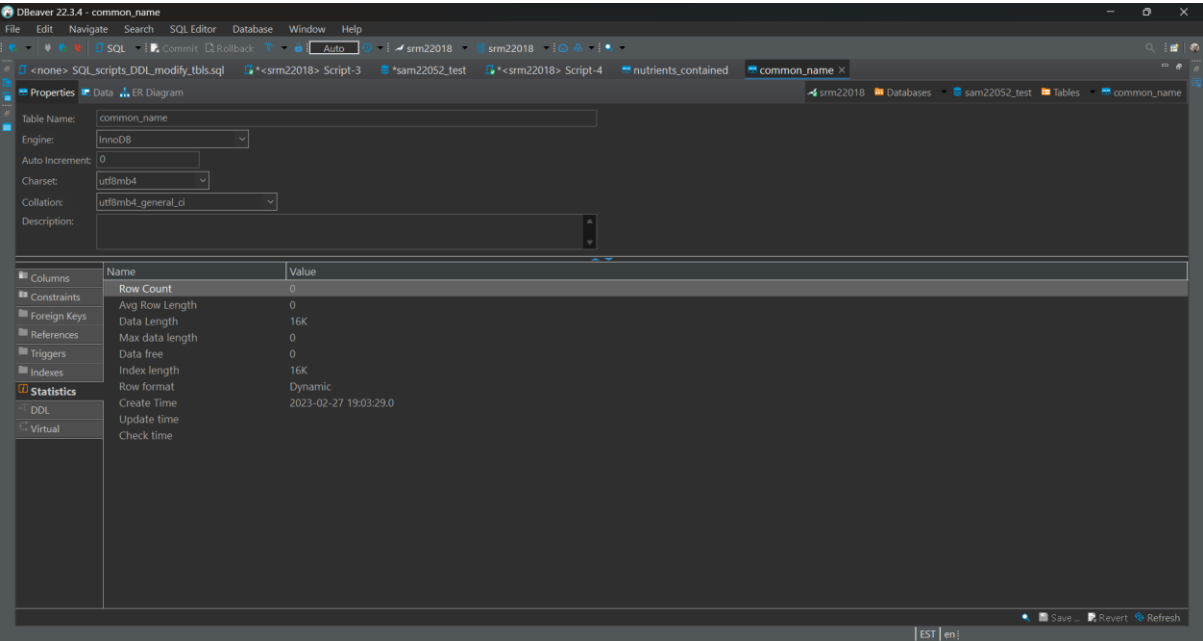
Name	Value
Row Count	0
Avg Row Length	0
Data Length	16K
Max data length	0
Data free	0
Index length	16K
Row format	Dynamic
Create Time	2023-03-07 21:11:40.0
Update time	2023-03-07 21:11:40.0
Check time	

2. common_name

Column detail

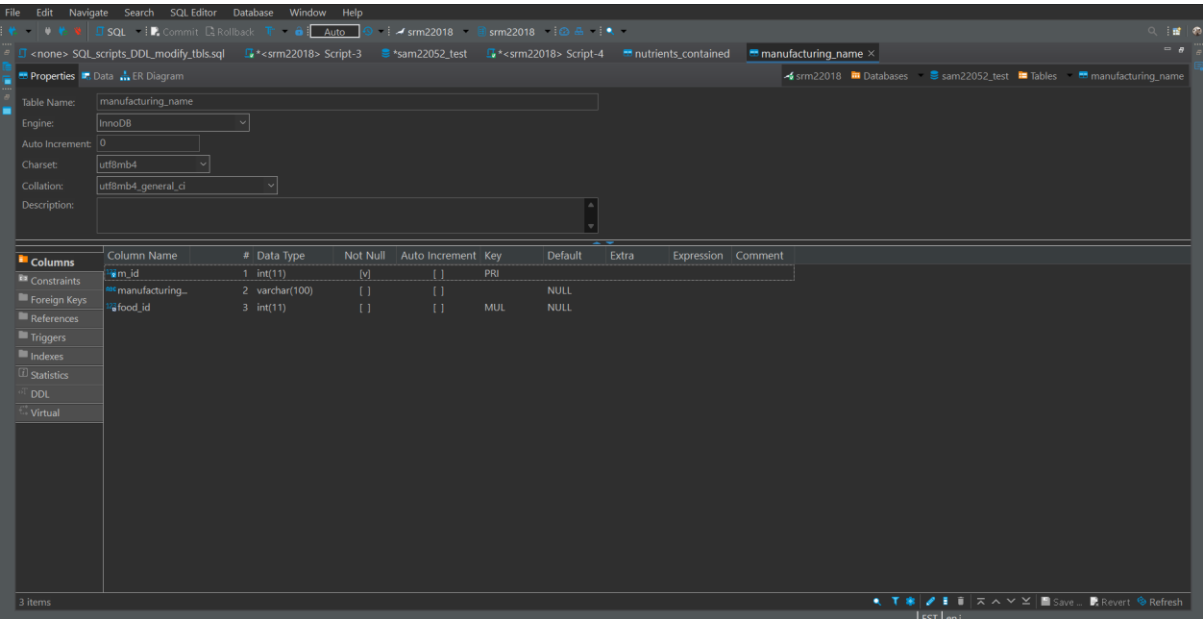


Statistics detail

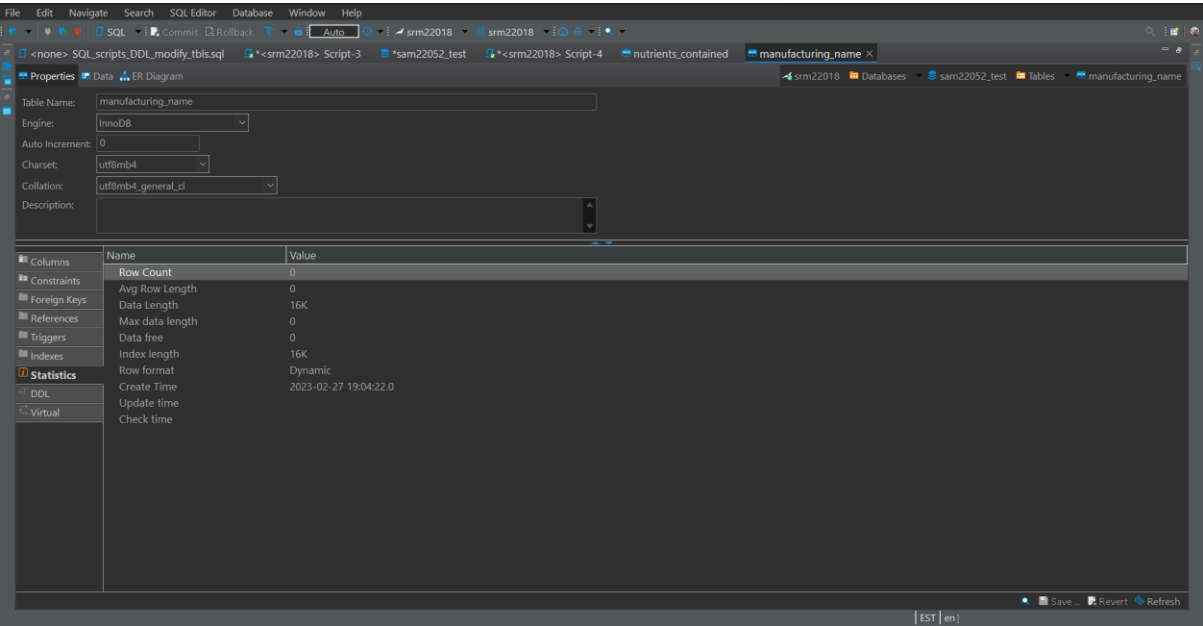


3. manufacturing_name

Column detail

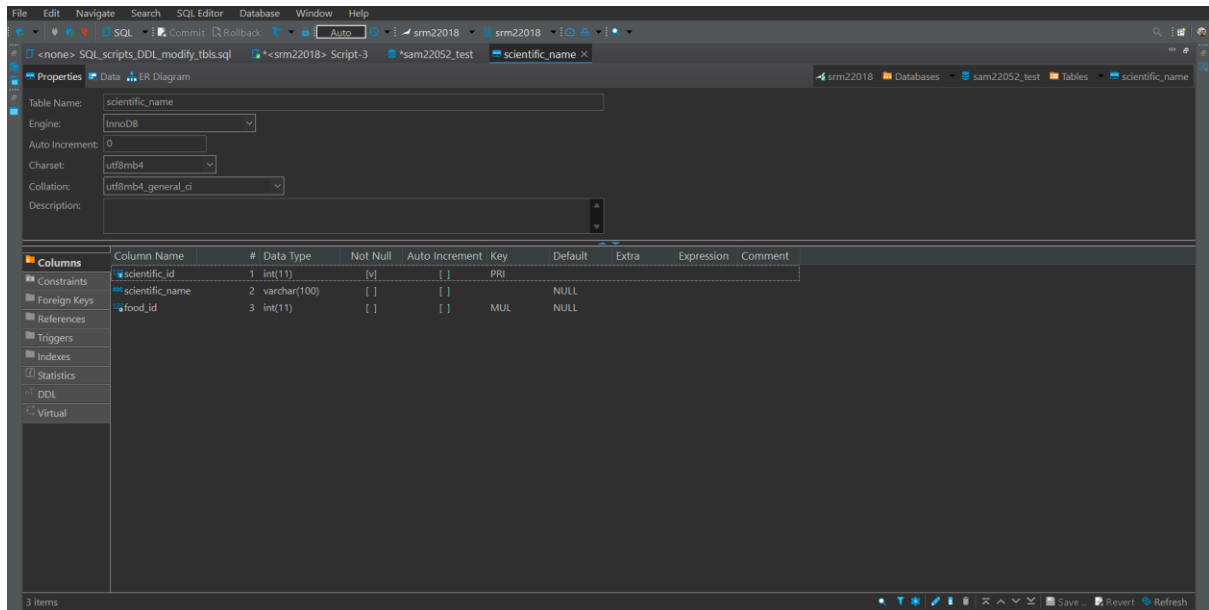


Statistics detail



4. scientific_name

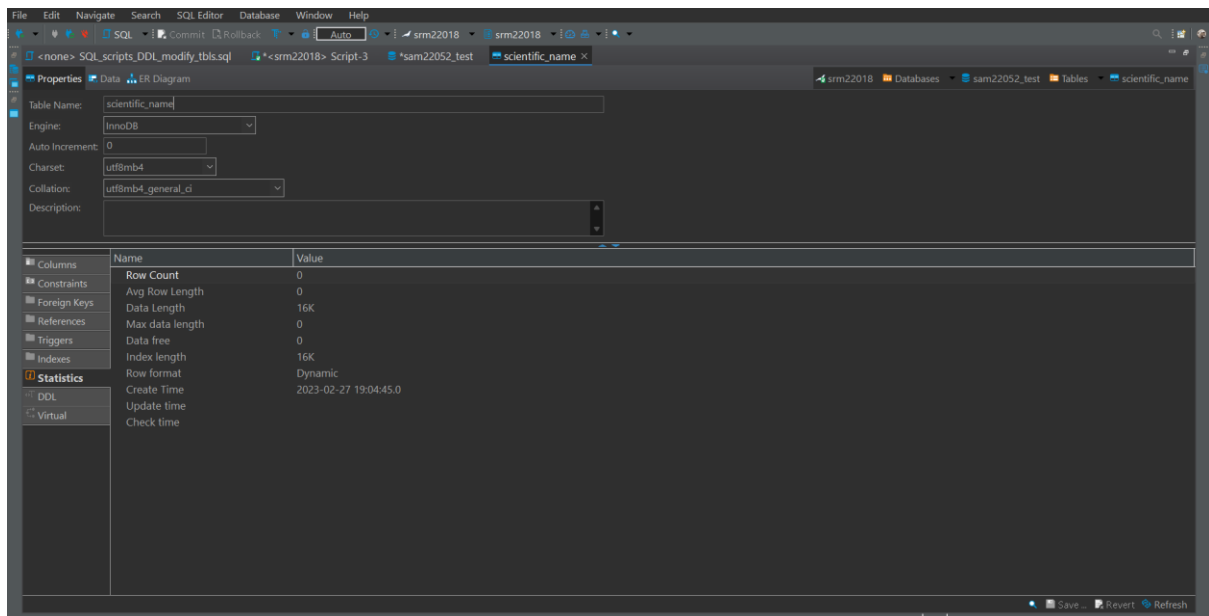
Column detail



The screenshot shows the 'scientific_name' table properties in a database management tool. The table is located in the 'sam22052_test' database. The columns are defined as follows:

Column Name	#	Data Type	Not Null	Auto Increment	Key	Default	Extra	Expression	Comment
scientific_id	1	int(11)	[v]	[]	PRI				
scientific_name	2	varchar(100)	[]	[]		NULL			
food_id	3	int(11)	[]	[]	MUL	NULL			

Statistics detail

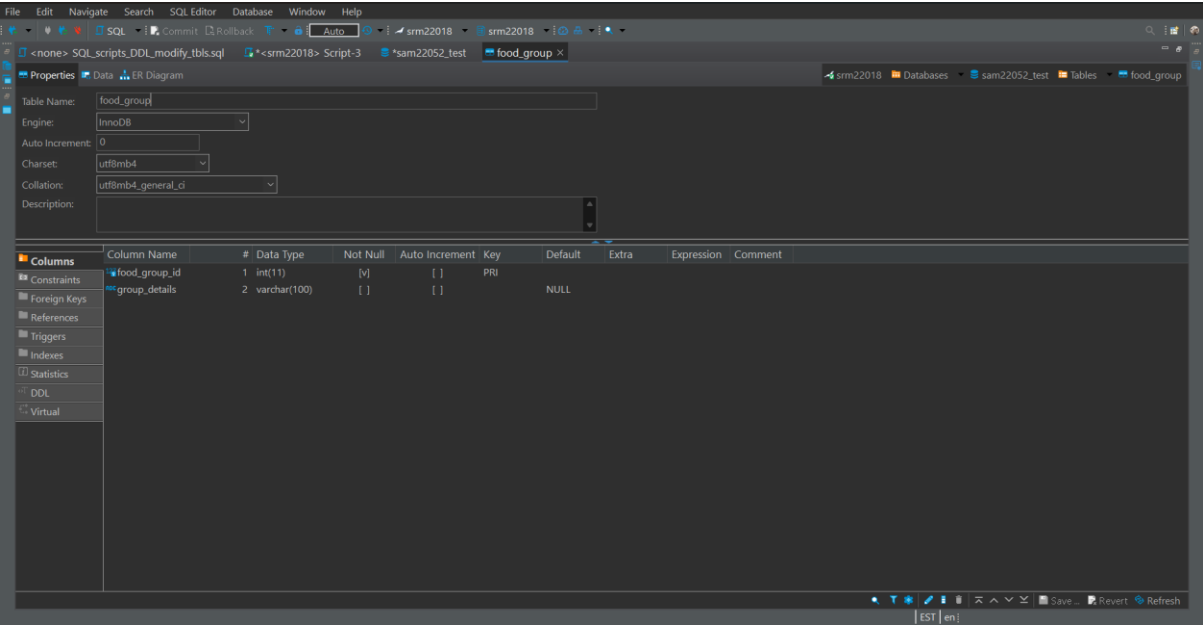


The screenshot shows the 'scientific_name' table statistics in a database management tool. The statistics are as follows:

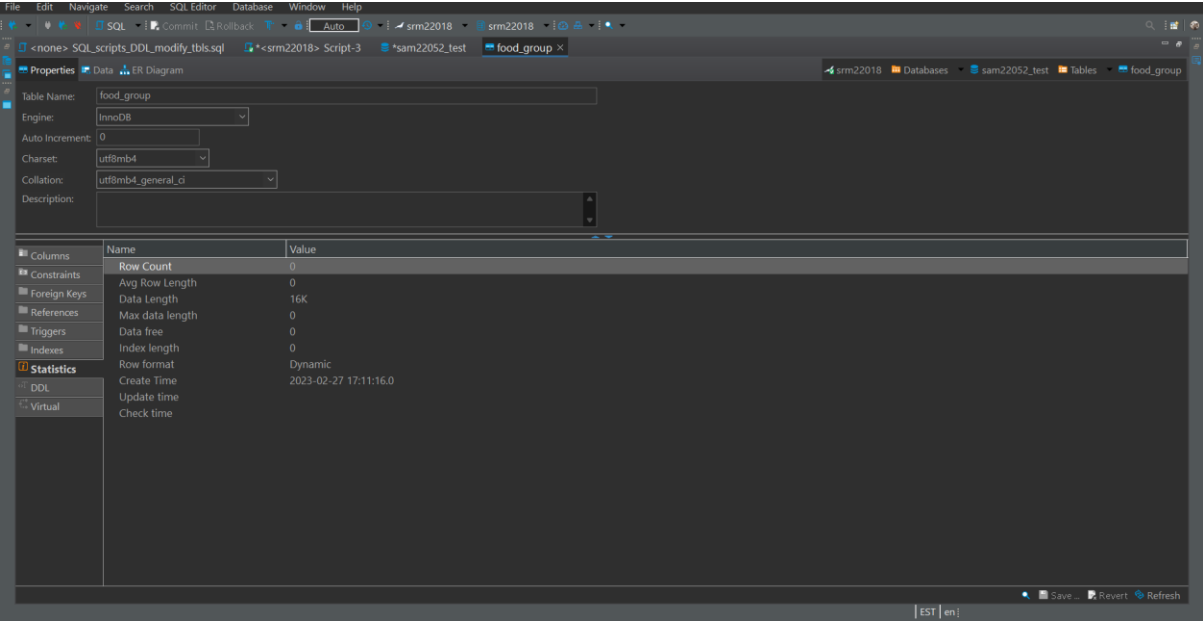
Name	Value
Row Count	0
Avg Row Length	0
Data Length	16K
Max data length	0
Data free	0
Index length	16K
Row format	Dynamic
Create Time	2023-02-27 19:04:45.0
Update time	
Check time	

5. food_group

Column detail



Statistics detail



6. nutrients_contained

Column detail

Column Name	#	Data Type	Not Null	Auto Increment	Key	Default	Extra	Expression	Comment
nutrients_pres	1	int(11)	[v]	[]	PRI				
nutrient_id	2	int(11)	[]	[]	MUL	NULL			
food_id	3	int(11)	[]	[]	MUL	NULL			
nutrients_in_g	4	float	[]	[]		NULL			

Statistics detail

Name	Value
Row Count	0
Avg Row Length	0
Data Length	16K
Max data length	0
Data free	0
Index length	32K
Row format	Dynamic
Create Time	2023-03-07 21:25:24.0
Update time	
Check time	

7. nutrient_list

Column detail

Table Name: nutrient_list
Engine: InnoDB
Auto Increment: 0
Charset: utf8mb4
Collation: utf8mb4_general_ci

Column Name	#	Data Type	Not Null	Auto Increment	Key	Default	Extra	Expression	Comment
nutrient_id	1	int(11)	[v]	[]	PRI				
nutrient_name	2	varchar(100)	[]	[]		NULL			
nutrient_details	3	varchar(100)	[]	[]		NULL			
recommended_dose	4	int(11)	[]	[]		NULL			

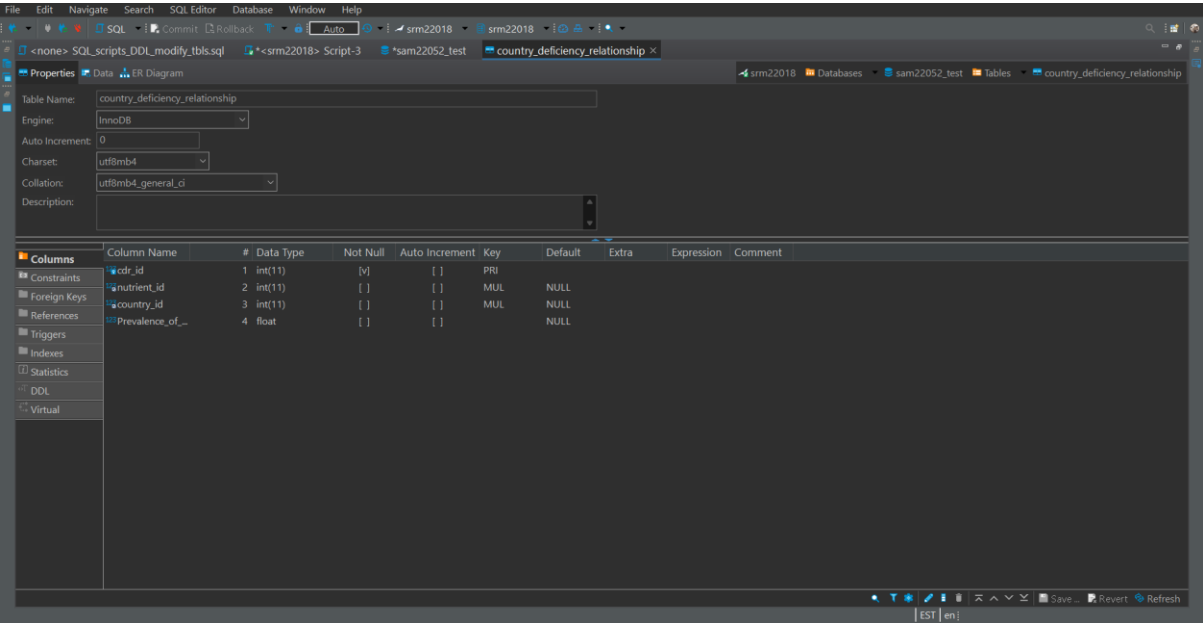
Statistics detail

Table Name: nutrient_list
Engine: InnoDB
Auto Increment: 0
Charset: utf8mb4
Collation: utf8mb4_general_ci

Name	Value
Row Count	0
Avg Row Length	0
Data Length	16K
Max data length	0
Data free	0
Index length	0
Row format	Dynamic
Create Time	2023-02-27 17:16:25.0
Update time	
Check time	

8. country_deficiency_relationship

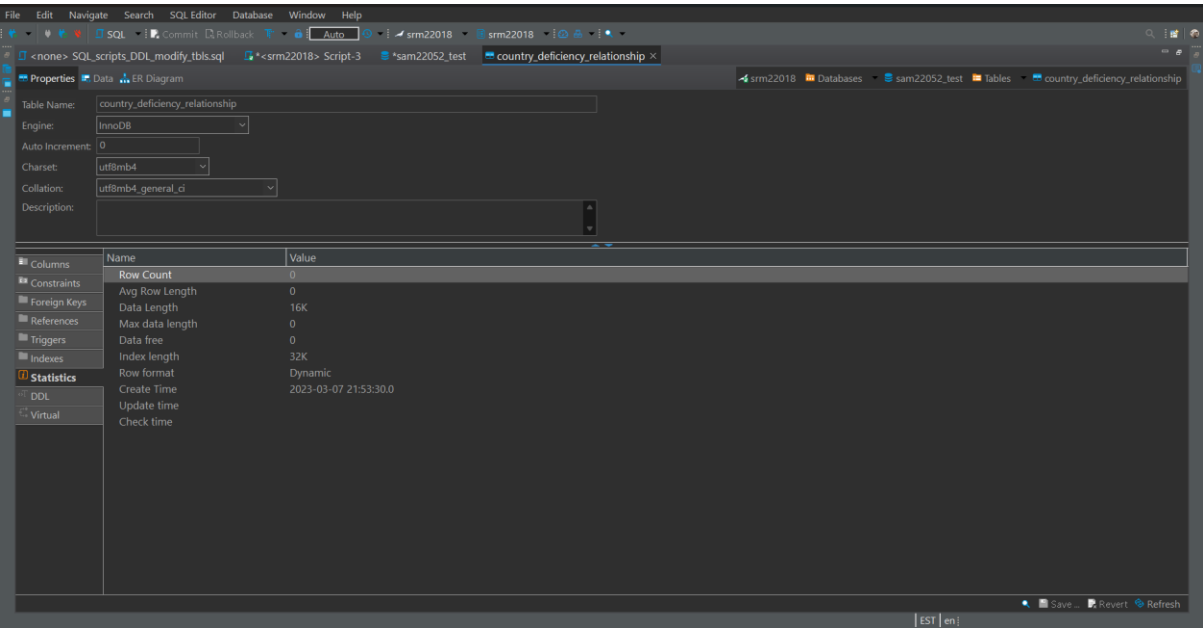
Column detail



The screenshot shows the 'Columns' tab in SQL Studio. The table 'country_deficiency_relationship' is selected. The columns are listed in a table with the following details:

Column Name	#	Data Type	Not Null	Auto Increment	Key	Default	Extra	Expression	Comment
country_id	1	int(11)	[v]	[]	PRI				
nutrient_id	2	int(11)	[]	[]	MUL	NULL			
country_id	3	int(11)	[]	[]	MUL	NULL			
Prevalence_of...	4	float	[]	[]		NULL			

Statistics detail



The screenshot shows the 'Statistics' tab in SQL Studio. The table 'country_deficiency_relationship' is selected. The statistics are listed in a table with the following details:

Name	Value
Row Count	0
Avg Row Length	0
Data Length	16K
Max data length	0
Data free	0
Index length	32K
Row format	Dynamic
Create Time	2023-03-07 21:53:30.0
Update time	
Check time	

9. prominent_deficiencies_by_country

Column detail

The screenshot shows the DBeaver interface with the 'prominent_deficiencies_by_country' table selected. The 'Columns' tab is active, displaying the following table:

Column Name	#	Data Type	Not Null	Auto Increment	Key	Default	Extra
country_id	1	int(11)	[x]	[]	PRI		
country_name	2	varchar(100)	[]	[]		NULL	
country_contin...	3	varchar(100)	[]	[]		NULL	

The 'Properties' tab on the right shows the table's main properties: Table Name: prominent_deficiencies_by_country, Engine: InnoDB, Auto Increment: 0, Charset: utf8mb4, Collation: utf8mb4_general_ci, and Description: .

Statistics detail

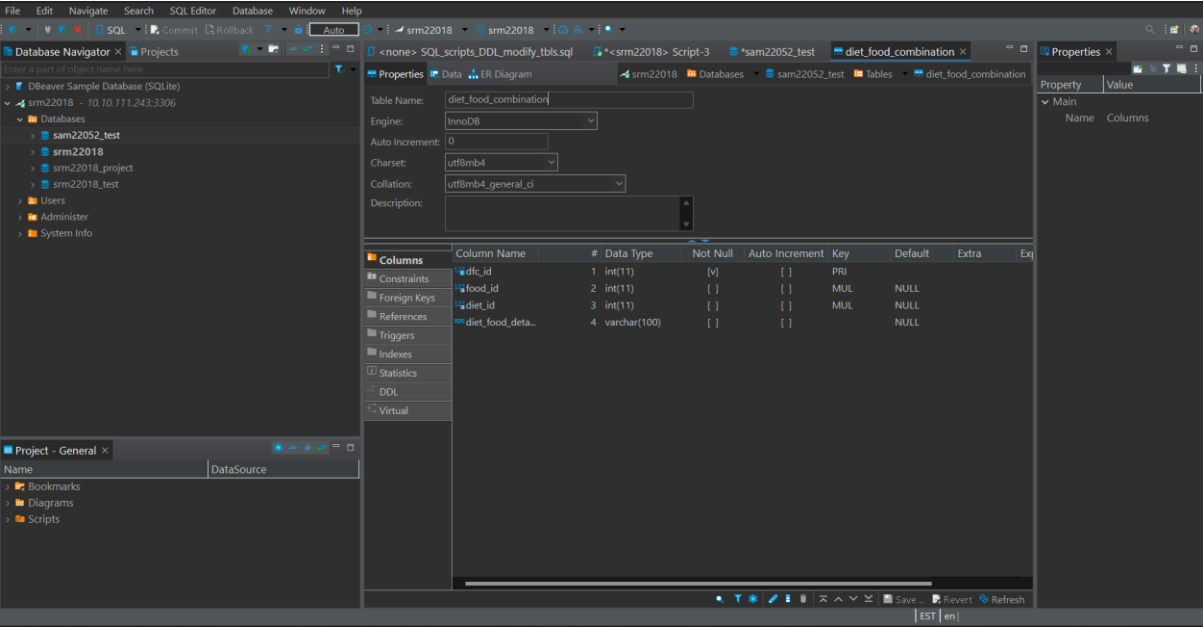
The screenshot shows the DBeaver interface with the 'prominent_deficiencies_by_country' table selected. The 'Statistics' tab is active, displaying the following table:

Columns	Name	Value
Row Count		0
Avg Row Length		0
Data Length		16K
Max data length		0
Data free		0
Index length		0
Row format		Dynamic
Create Time		2023-03-07 21:44:26.0
Update time		
Check time		

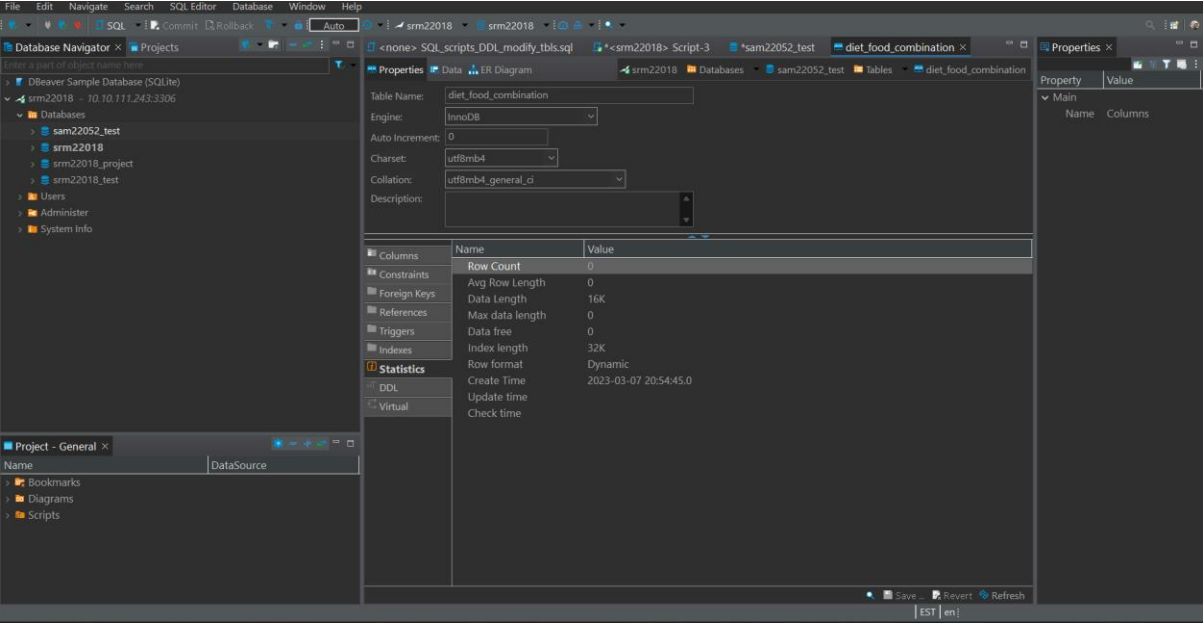
The 'Properties' tab on the right shows the table's main properties: Schema: sam22052_test, Default: utf8mb4, SQL Pat: , Datas: 272K.

10. diet_food_combination

Column detail

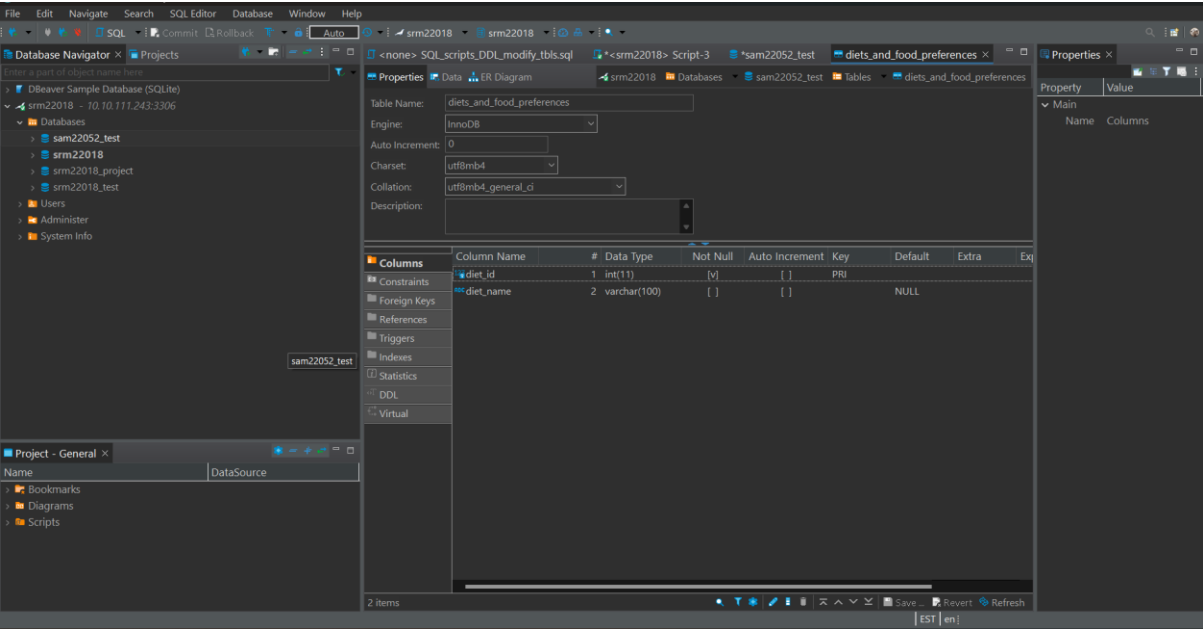


Statistics detail



11. diets_and_food_preferences

Column detail



Statistics detail

