



Data Analysis

PROGETTO SQL LA FELICITÀ NEL MONDO

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Obiettivo del Progetto

L'obiettivo di questo progetto è analizzare e comprendere i fattori che contribuiscono alla felicità nei diversi paesi del mondo, utilizzando i dati provenienti dal World Happiness Report. Questo rapporto annuale fornisce una misura della felicità globale, basata su vari indicatori socio-economici e psicologici.



Dati Utilizzati

Abbiamo utilizzato un dataset del World Happiness Report che contiene i seguenti campi principali:

- **Country name:** Nome del paese
- **Year:** Anno di riferimento dei dati
- **Life Ladder:** Misura soggettiva dell' indice di felicità su scala da 1 a 10
- **Log GDP per capita:** Prodotto interno lordo pro capite logaritmico
- **Social support:** Misura del supporto sociale percepito
- **Healthy life expectancy at birth:** Aspettativa di vita sana alla nascita
- **Freedom to make life choices:** Libertà di prendere decisioni nella vita
- **Generosity:** Generosità percepita nella società
- **Perceptions of corruption:** Percezione della corruzione
- **Positive affect:** Frequenza di emozioni positive
- **Negative affect:** Frequenza di emozioni negative



The screenshot shows the MySQL Workbench interface. On the left, the 'Schemas' tree is expanded to show the 'world_happiness_report' schema, which contains tables like 'world_happiness_repo'. The main area is a 'Query 1' window with the following SQL query:

```
1 •  SELECT * FROM world_happiness_report_updated_2024;
```

The results are displayed in a 'Result Grid' table:

	Country_name	year	Life_Ladder	Log_GDP_per_capita	Social_support	Healthy_life_expectancy_at_birth	Freedom_to_make_life_choices
▶	Afghanistan	2008	3.724	7.35	0.451	50.5	0.718
	Afghanistan	2009	4.402	7.509	0.552	50.8	0.679
	Afghanistan	2010	4.758	7.614	0.539	51.1	0.6
	Afghanistan	2011	3.832	7.581	0.521	51.4	0.496
	Afghanistan	2012	3.783	7.661	0.521	51.7	0.531
	Afghanistan	2013	3.572	7.68	0.484	52	0.578
	Afghanistan	2014	3.131	7.671	0.526	52.3	0.509

OVVIAMENTE HO IMPORTATO IL CSV NEL MIO RDBMS, IN QUESTO CASO MYSQL.

HO SCELTO DI USARE IL WORKBENCH ANZICHÈ IL TERMINALE PER UNA QUESTIONE VISIVA E DI
MIGLIOR LEGGIBILITÀ.

PRIMA DI IMPORTARE IL CSV, HO LEGGERMENTE CORRETTO IL NOME DELLE COLONNE, PER EVITARE
SPAZI VUOTI TRA LE PAROLE USANDO LO SNAKE CASE _ COSÌ DA POTER ESSERE LETTO DA SQL.

Local instance MySQL80 ×

Edit View Query Database Server Tools Scripting Help

Navigator HEMAS

Query 1 ×

Filter objects

foodproject
mydb
mytodo
orizon_agenzia_viaggio
pysql
sys
travel
world_happines_report

Tables world_happiness_repo
Views

Administration Schemas

Information Schema:

world_happines_report

Result Grid Filter Rows: Export: Wrap Cell Content: Result Grid

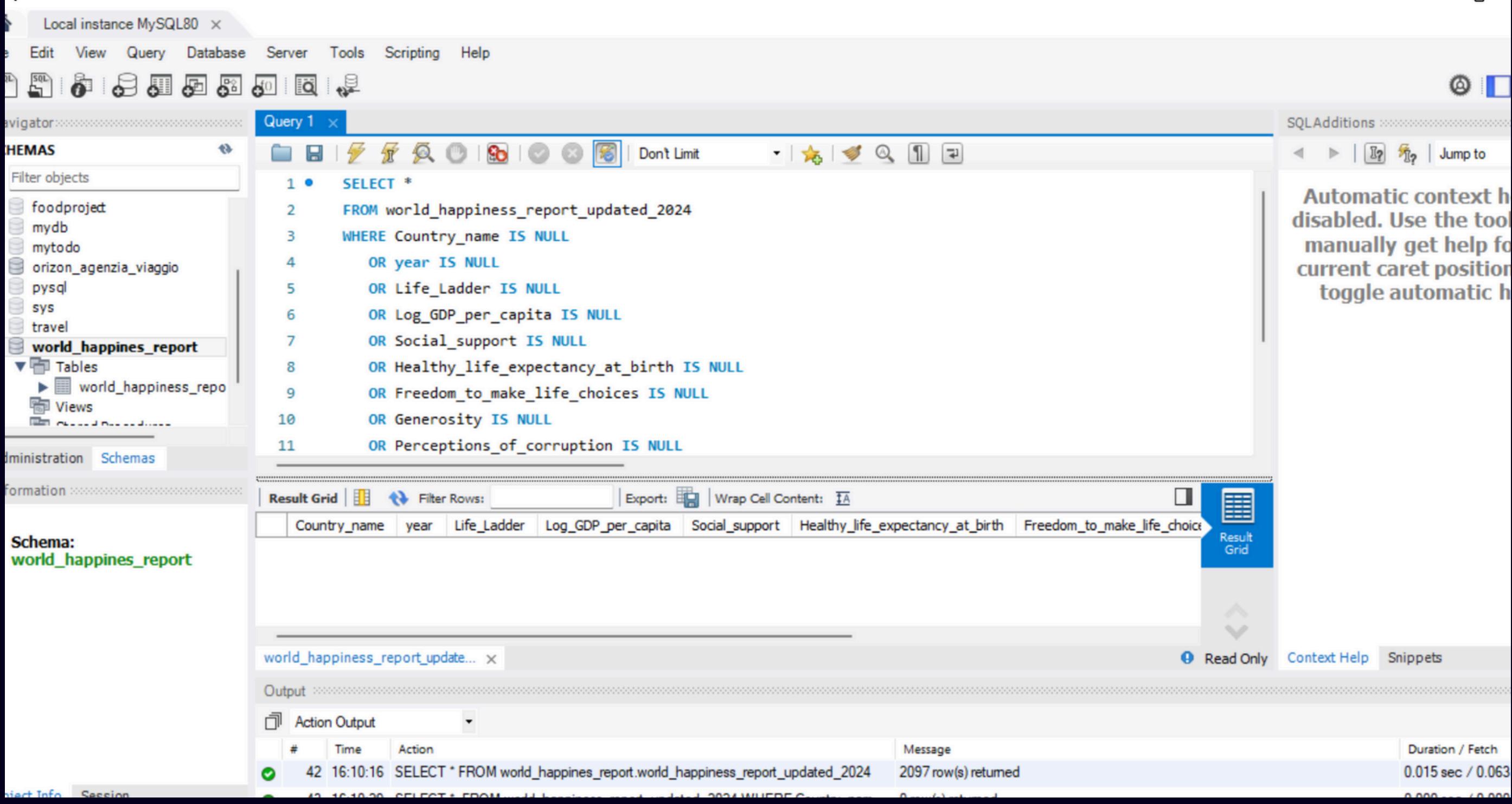
world_happiness_report_update... × Read Only Context Help Snippets

Action Output

#	Time	Action	Message	Duration / Fetch
42	16:10:16	SELECT * FROM world_happines_report.world_happiness_report_updated_2024	2097 row(s) returned	0.015 sec / 0.063
42	16:10:20	SELECT * FROM world_happines_report.world_happiness_report_updated_2024 WHERE Country_name IS NULL OR year IS NULL OR Life_Ladder IS NULL OR Log_GDP_per_capita IS NULL OR Social_support IS NULL OR Healthy_life_expectancy_at_birth IS NULL OR Freedom_to_make_life_choices IS NULL OR Generosity IS NULL OR Perceptions_of_corruption IS NULL	0 rows selected	0.000 sec / 0.000

SQLAdditions

Automatic context help is disabled. Use the toolbar or F1 key to manually get help for the current caret position. To toggle automatic help, press F11.



The screenshot shows the MySQL Workbench interface. In the top-left corner, it says "Local instance MySQL80". The menu bar includes "Edit", "View", "Query", "Database", "Server", "Tools", "Scripting", and "Help". Below the menu is a toolbar with various icons. The "Navigator" pane on the left lists databases like "HEMAS", "foodproject", "mydb", etc., and highlights the "world_happines_report" database. Inside "world_happines_report", there are "Tables" (with "world_happiness_repo") and "Views". The "Schemas" tab is selected. The main area is titled "Query 1" and contains a SQL code block. The code is a SELECT statement that filters rows where any of the columns (Country_name, year, Life_Ladder, Log_GDP_per_capita, Social_support, Healthy_life_expectancy_at_birth, Freedom_to_make_life_choices, Generosity, Perceptions_of_corruption) are null. The results pane below shows the schema of the table and two rows of data. The bottom pane shows the "Action Output" with two log entries corresponding to the query execution. A tooltip on the right side of the interface says: "Automatic context help is disabled. Use the toolbar or F1 key to manually get help for the current caret position. To toggle automatic help, press F11."

CONTROLLO DI POSSIBILI VALORI NULLI NEL DATASET.

MySQL Workbench

Local instance MySQL80 ×

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- mytodo
- orizon_agenzia_viaggio
- mysql
- sys
- travel
- world_happiness_report**

Tables

world_happiness_report

Views

Administration Schemas

Information

Table: world_happiness_report_up

Columns:

- Country_name
- year
- Life_Ladder
- Log_GDP_per_capita

Query 1 × world_happiness_report_update...

1 • select
2 AVG(Life_Ladder) AS avg_life_ladder,
3 STDDEV(Life_Ladder) AS stddev_life_ladder
4 FROM world_happiness_report_updated_2024;
5

Result Grid | Filter Rows: Export: Wrap Cell Content: □

avg_life_ladder	stddev_life_ladder
5.466519313304712	1.1366685414564672

Result 4 ×

Output

Action Output

SQLAddition

Auto disable manual current tog

Result Grid

Form Editor

Read Only Context He

The screenshot shows the MySQL Workbench interface with a query editor window titled 'Query 1'. The query retrieves the average and standard deviation of the 'Life_Ladder' column from a table named 'world_happiness_report_updated_2024'. The results are displayed in a grid with two columns: 'avg_life_ladder' and 'stddev_life_ladder', containing the values 5.466519313304712 and 1.1366685414564672 respectively. The interface includes a sidebar with schema navigation, a left panel for table details, and various toolbars and status bars.

MEDIA E STANDARD DEVIATION GENERALE DELL'INDICE DELLA FELICITÀ.

MySQL Workbench

Local instance MySQL80 ×

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- mytodo
- orizon_agenzia_viaggio
- mysql
- sys
- travel
- world_happiness_report
 - Tables
 - world_happiness_repo
 - Views

Administration Schemas

Information

Table: world_happiness_report_up

Columns:

- Country_name
- year
- Life_Ladder
- Log_GDP_per_capita
- Social_support
- Healthy_life_expectancy_at

Query 1 world_happiness_report_update... × world_happiness_report_update...

SQLAddition

1 • SELECT Country_name, year, Life_Ladder, Log_GDP_per_capita, Social_support, Freedom_to_make_life_choices, Generosity FROM world_happiness_report_updated_2024 ORDER BY Life_Ladder DESC LIMIT 10;

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid Form Editor Read Only Context Help

Country_name	year	Life_Ladder	Log_GDP_per_capita	Social_support	Freedom_to_make_life_choices	Generosity
Denmark	2008	7.971	10.878	0.954	0.97	0.266
Finland	2020	7.889	10.766	0.962	0.962	-0.123
Finland	2018	7.858	10.78	0.962	0.938	-0.133
Denmark	2007	7.834	10.889	0.954	0.932	0.234
Finland	2021	7.794	10.794	0.97	0.963	-0.039
Finland	2017	7.788	10.77	0.964	0.962	-0.008
Denmark	2011	7.788	10.845	0.962	0.935	0.292

Action Output

Object Info Session

Time Action Message

TROVIAMO L'INDICE MASSIMO CON LA DANIMARCA CHE HA RAGGIUNTO I VERTICI MASSIMI NELL'ANNO 2008 NELL'INDICE DI FELICITÀ.

The screenshot shows the MySQL Workbench interface with a query editor window titled "Query 1". The query is:

```
1 •  SELECT country_name, year, AVG(life_ladder) AS avg_life_ladder
2   FROM world_happiness_report_updated_2024
3   GROUP BY country_name, year
4   ORDER BY avg_life_ladder desc
5   LIMIT 5;
6
```

The results are displayed in a "Result Grid" tab, showing the following data:

	country_name	year	avg_life_ladder
▶	Denmark	2008	7.971
	Finland	2020	7.889
	Finland	2018	7.858
	Denmark	2007	7.834
	Finland	2021	7.794

Below the grid, there is a "Result 17" tab and an "Output" section.

QUI TROVAMO LE TOP 5 CON LA MEDIA MAGGIORE RAGGIUNTA PER INDICE DI FELICITÀ NEGLI ANNI.

The screenshot shows the MySQL Workbench interface. In the top-left corner, the title bar reads "MySQL Workbench" and "Local instance MySQL80". The menu bar includes "File", "Edit", "View", "Query", "Database", "Server", "Tools", "Scripting", and "Help". Below the menu is a toolbar with various icons. On the left, the "Navigator" pane shows "SCHEMAS" with "world_happiness_report" selected, and "Tables" and "Views" listed under it. The main area contains a "Query 1" tab with the following SQL code:

```
1 •  SELECT country_name, year, AVG(life_ladder) AS avg_life_ladder
2   FROM world_happiness_report_updated_2024
3   WHERE year = 2023
4   GROUP BY country_name, year
5   ORDER BY avg_life_ladder desc
6   LIMIT 10;
```

Below the code is a "Result Grid" showing the results of the query:

country_name	year	avg_life_ladder
Finland	2023	7.699
Iceland	2023	7.562
Denmark	2023	7.504
Costa Rica	2023	7.384
Netherlands	2023	7.255
Norway	2023	7.249
Sweden	2023	7.161
Australia	2023	7.025
Luxembourg	2023	7.016
Mexico	2023	7.006

The right side of the interface has a vertical toolbar with icons for "Result Grid", "Form Editor", and "Field Types". A tooltip message says: "Automatic context help is disabled. Use the tool tips manually get help for current caret position or toggle automatic help". At the bottom, there are buttons for "Read Only", "Context Help", and "Snippets".

IN QUESTA PIVOT CHE ABBIAMO COSTRUITO TROVIAMO INVECE LA CLASSIFICA DELLA MEDIA PIÙ ALTA DELL'INDICE DI FELICITÀ NELL'ULTIMO ANNO, CON LA FINLANDIA CHE SI CLASSIFICA AL PRIMO POSTO, SEGUITA DA ISLANDA E DANIMARCA.

The screenshot shows the MySQL Workbench interface with the following details:

- Top Bar:** MySQL Workbench, Local instance MySQL80.
- Menu Bar:** File, Edit, View, Query, Database, Server, Tools, Scripting, Help.
- Toolbar:** SQL, Scripts, Databases, Tables, Schemas, Folders, Find, Replace, Refresh, Help.
- Navigator:** SCHEMAS (mytodo, orizon_agenzia_viaggio, mysql, sys, travel, world_happiness_report), TABLES (world_happiness_report), VIEWS.
- Query Editor:** Title: world_happiness_report_update...
Content:

```
1 •  SELECT country_name, year, AVG(life_ladder) AS avg_life_ladder
2   FROM world_happiness_report_updated_2024
3   WHERE year = 2023
4   GROUP BY country_name, year
5   ORDER BY avg_life_ladder asc
6   LIMIT 10;
7
```
- Result Grid:** Shows the results of the query in a tabular format.

country_name	year	avg_life_ladder
Malawi	2023	3.272
Botswana	2023	3.332
Congo (Kinshasa)	2023	3.383
Sierra Leone	2023	3.467
Zimbabwe	2023	3.572
Comoros	2023	3.588
Lebanon	2023	3.588
Sri Lanka	2023	3.602
Zambia	2023	3.602

Result 24 ×
- Right Panel:** SQLAdditions, Jump to, Automatic context disabled. Use the toolbar manually get help, current caret position, toggle automatic.
- Bottom Bar:** Read Only, Context Help, Snippets, Object Info, Session, Output.

AL CONTRARIO IN ORDINE ASCENDENTE TROVIAMO ALL'ULTIMA POSIZIONE IL MALAWI, CON BOTSWANA E CONGO.

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

Query 1 world_happiness_report_update... world_happiness_report_update... world_happiness_report_update... SQLAdditions

SCHEMAS

world_happiness_report

Tables

Columns

Country_name, year, Life_Ladder, Log_GDP_per_capita, Social_support, Healthy_life_expectancy

1 • WITH RankedCountries AS (

2 SELECT Country_name, Social_support, Life_Ladder, year,

3 ROW_NUMBER() OVER (PARTITION BY Country_name ORDER BY Social_support DESC) AS rn

4 FROM world_happiness_report_updated_2024

5)

6 SELECT Country_name, Social_support, Life_Ladder, year

7 FROM RankedCountries

8 WHERE rn = 1

9 ORDER BY Social_support DESC;

Administration Schemas

Information

Table: world_happiness_report_update...

Columns:

- Country_name
- year
- Life_Ladder
- Log_GDP_per_capita
- Social_support

Object Info Session

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid Form Editor Read Only Context Help Snippets

Country_name	Social_support	Life_Ladder	year
New Zealand	0.987	7.418	2015
Iceland	0.985	7.449	2022
Ireland	0.983	7.568	2008
Denmark	0.975	7.771	2010
Finland	0.974	7.729	2022
Sweden	0.97	7.496	2010
United Kingdom	0.97	6.802	2007

Output

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

IN QUESTO CASO SIAMO ANDATI A PESCAR TUTTI I PAESI CON I SUPPORTI SOCIALI PIÙ ALTI E L'ANNO DI REFERENZA, CON LA NUOVA ZELANDA CHE HA RAGGIUNTO L'INDICE MASSIMO NELL'2015, A SEGUIRE L'ISLANDA NEL RECENTE 2022 E L'IRLANDA NELL'2008.

MySQL Workbench

Local instance MySQL80 ×

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

world_happiness_report

Tables

world_happiness_repo

Columns

Country_name, year, Life_Ladder, Log_GDP_per_capita, Social_support, Healthy_life_expectancy

Administration Schemas

Information

Table: world_happiness_report_updated_2024

Columns:

- Country_name
- year
- Life_Ladder
- Log_GDP_per_capita
- Social_support
- Healthy_life_expectancy

Query 1 world_happiness_report_updated_2024 world_happiness_report_updated_2024 world_happiness_report_updated_2024 ×

| Don't Limit |

```
2 | SELECT Country_name, Social_support, Life_Ladder, year,
3 |         ROW_NUMBER() OVER (PARTITION BY Country_name ORDER BY Social_support DESC) AS rn
4 |     FROM world_happiness_report_updated_2024
5 |
6 |     SELECT Country_name, Social_support, Life_Ladder, year
7 |     FROM RankedCountries
8 |     WHERE rn = 1
9 |     ORDER BY Social_support ASC
10 |    LIMIT 10;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

Country_name	Social_support	Life_Ladder	year
Central African Republic	0.532	4.16	2007
Afghanistan	0.559	4.22	2016
Burundi	0.565	2.905	2014
Benin	0.577	3.479	2013
Togo	0.603	4.037	2021
Somalia	0.611	5.528	2014
India	0.684	5.146	2008

Result 11 ×

Output

Result Grid Form Editor

Read Only Context Help Snippets

Automatic context help disabled. Use the toolbar manually get help for the current caret position or toggle automatic help.

IN FONDO ALLA CLASSIFICA DELL'INDICE PIÙ BASSO PER IL SUPPORTO SOCIALE RELAZIONATO AI CORRISPETTIVI ANNI INVECE TROVIAMOLA REPUBBLICA CENTROAFRICANA IN ULTIMA POSIZIONE, CON AFGHANISTAN E BURUNDI CHE SEGUONO.

MySQL Workbench

Local instance MySQL80 ×

File Edit View Query Database Server Tools Scripting Help

Navigator: report_update... world_happiness_report_update... world_happiness_report_update... world_happiness_report_update... world_happiness_report_update... SQLAdditions

SCHEMAS

Filter objects

Tables

world_happiness_repo

Columns

- Country_name
- year
- Life_Ladder
- Log_GDP_per_c
- Social_support
- Healthy_life_ex
- Freedom_to_ma

Administration Schemas

Information

Schema: pymysql

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid | Form Editor | Read Only | Context Help | Snippets

Result Grid

Result 3 ×

Country_name	healthy_life_expectancy_at_birth	avg_life_ladder	year
Japan	74.6	5.996312499999999	2023
South Korea	74.2	5.899764705882355	2023
Singapore	73.8	6.513769230769231	2021
Switzerland	73.3	7.435692307692308	2023
Cyprus	73	6.099866666666667	2022
Total	73	7.242205802252011	2022

Output:

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

```
1 • WITH RankedCountries AS (
2     SELECT Country_name, healthy_life_expectancy_at_birth, year,
3            AVG(life_ladder) OVER (PARTITION BY Country_name) AS avg_life_ladder,
4            ROW_NUMBER() OVER (PARTITION BY Country_name ORDER BY healthy_life_expectancy_at_birth
5            FROM world_happiness_report_updated_2024
6
7     SELECT Country_name, healthy_life_expectancy_at_birth, avg_life_ladder, year
8     FROM RankedCountries
9     WHERE rn = 1
10    ORDER BY healthy_life_expectancy_at_birth DESC;
```

LISTA GENERALE DELLA' ASPETTATIVA DI VITA SANA ALLA NASCITA, SI
CLASSIFICA IN PRIMA POSIZIONE IL GIAPPONE CHE PROPRIO
NELL'ULTIMO ANNO HA RAGGIUNTO L'INDICE MASSIMO DI SEMPRE, A
SEGUIRE LA KOREA DEL SUD.

MySQL Workbench

Local instance MySQL80 ×

File Edit View Query Database Server Tools Scripting Help

Navigator report_update... world_happiness_report_update... world_happiness_report_update... world_happiness_report_update... SQLAdditions

SCHEMAS

Filter objects

Tables

world_happiness_repo

Columns

Country_name
year
Life_Ladder
Log_GDP_per_c
Social_support
Healthy_life_ex
Freedom_to_ma

Administration Schemas

Information

Schema: pymysql

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid | Form Editor | Read Only | Context Help | Snippets

Output

```
1 • ① WITH RankedCountries AS (
2     SELECT Country_name, healthy_life_expectancy_at_birth, year,
3         AVG(life_ladder) OVER (PARTITION BY Country_name) AS avg_life_ladder,
4         ROW_NUMBER() OVER (PARTITION BY Country_name ORDER BY healthy_life_expectancy_at_birth
5             DESC) rn
6     FROM world_happiness_report_updated_2024
7 )
8     SELECT Country_name, healthy_life_expectancy_at_birth, avg_life_ladder, year
9     FROM RankedCountries
10    WHERE rn = 1
11    ORDER BY healthy_life_expectancy_at_birth ASC;
```

Country_name	healthy_life_expectancy_at_birth	avg_life_ladder	year
Central African Republic	45.3	3.514999999999997	2017
Lesotho	46.15	3.839799999999994	2022
Somalia	48.5	5.183333333333334	2016
Mozambique	52.2	4.826454545454546	2023
Eswatini	52.5	4.24425	2022
...	53.00	4.42025	2014

Result 4 ×

Automatic context help disabled. Use the toolbar manually get help for the current caret position or toggle automatic help

CONTRARIAMENTE AL GIAPPONE, LA REPUBBLICA CENTRO AFRICANA
HA AVUTO IL PUNTEGGIO PIÙ BASSO DI SEMPRE DURANTE IL 2017.

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator report_update... world_happiness_report_update... world_happiness_report_update... world_happiness_report_update... SQLAdditions

SCHEMAS

Filter objects

pysql sys travel world_happiness_report

Tables

world_happiness_repo

Columns

Country_name year Life_Ladder

Administration Schemas

Information

Schema: pymysql

Result Grid Filter Rows: Export: Wrap Cell Content: Result Grid Form Editor Read Only Context Help Snippets

Result 7

Output

```
1 • WITH RankedCountries AS (
2     SELECT Country_name, Freedom_to_make_life_choices, Life_Ladder,
3            AVG(Freedom_to_make_life_choices) OVER (PARTITION BY Country_name) AS avg_freedom,
4            ROW_NUMBER() OVER (PARTITION BY Country_name ORDER BY Freedom_to_make_life_choices DESC) rn
5     FROM world_happiness_report_updated_2024
6 )
7     SELECT Country_name, avg_freedom, Freedom_to_make_life_choices, Life_Ladder
8     FROM RankedCountries
9     WHERE rn = 1
10    ORDER BY avg freedom DESC;
```

	Country_name	avg_freedom	Freedom_to_make_life_choices	Life_Ladder
▶	Norway	0.9505384615384617	0.965	7.29
	Cambodia	0.9481999999999999	0.965	4.555
	Finland	0.9425625	0.969	7.672
	Denmark	0.9406470588235295	0.97	7.971
	Uzbekistan	0.9370769230769231	0.985	6.421
	Sweden	0.9292941176470588	0.953	7.439

Automatic context help is disabled. Use the toolbar manually get help for the current caret position or toggle automatic help.

QUI TROVIAMO LA MEDIA GENERALE NEGLI ANNI DELLA LIBERTÀ DI PRENDERE DECISIONI NELLA VITA. AL PRIMO POSTO LA NORVEGIA, SEGUITA DA CAMBOGIA E FINLANDIA.

MySQL Workbench

Local instance MySQL80 ×

File Edit View Query Database Server Tools Scripting Help

Navigator: report_update... world_happiness_report_update... world_happiness_report_update... world_happiness_report_update... SQLAdditions

SCHEMAS

Filter objects

pysql sys travel world_happiness_report

Tables

world_happiness_repo

Columns

Country_name year Life_Ladder

Administration Schemas

Information

Schema: pymysql

Result Grid | Filter Rows: Export: Wrap Cell Content: Result 8 ×

Result Grid Form Editor

Read Only Context Help Snippets

Output

```
1 • WITH RankedCountries AS (
2     SELECT Country_name, Freedom_to_make_life_choices, Life_Ladder,
3            AVG(Freedom_to_make_life_choices) OVER (PARTITION BY Country_name) AS avg_freedom,
4            ROW_NUMBER() OVER (PARTITION BY Country_name ORDER BY Freedom_to_make_life_choices DESC) rn
5     FROM world_happiness_report_updated_2024
6 )
7     SELECT Country_name, avg_freedom, Freedom_to_make_life_choices, Life_Ladder
8     FROM RankedCountries
9     WHERE rn = 1
10    ORDER BY avg freedom ASC;
```

	Country_name	avg_freedom	Freedom_to_make_life_choices	Life_Ladder
▶	Burundi	0.4508	0.646	3.775
	Angola	0.45625	0.584	5.589
	Haiti	0.4616363636363637	0.61	4.622
	Greece	0.5074375	0.614	5.952
	Afghanistan	0.5086153846153846	0.718	3.724
	Algeria	0.51175	0.587	5.605

Automatic context help disabled. Use the toolbar manually get help for the current caret position or toggle automatic help.

NEGLI ULTIMI POSTI DELLA CLASSIFICA PER LA MEDIA DI LIBERTÀ DI
SCELTA NELLA PROPRIA VITA TROVIAMO: BURUNDI, ANGOLA E HAITI.

MySQL Workbench

Local instance MySQL80 ×

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

Tables

world_happiness_repo

Columns

- Country_name
- year
- Life_Ladder
- Log_GDP_per_capita
- Social_support
- Healthy_life_expectancy
- Freedom_to_choose

Administration Schemas

Information

Schema: pymysql

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid | Form Editor | Read Only | Context Help | Snippets

	Country_name	Generosity	avg_life_ladder	year
▶	Myanmar	0.7	4.395166666666666	2014
	Indonesia	0.59	5.262611111111111	2023
	Thailand	0.548	6.06883333333334	2014
	Laos	0.474	5.0478181818182	2007
	Gambia	0.44	4.634799999999999	2018
	Cambodia	0.412	4.262777777777777	2011

Object Info Session Output

SQLAdditions

Automatic context help is disabled. Use the toolbar manually get help for the current caret position or toggle automatic help.

```
1 • WITH RankedCountries AS (
2     SELECT Country_name, Generosity, year,
3            AVG(life_ladder) OVER (PARTITION BY Country_name) AS avg_life_ladder,
4            ROW_NUMBER() OVER (PARTITION BY Country_name ORDER BY Generosity DESC) AS rn
5     FROM world_happiness_report_updated_2024
6 )
7     SELECT Country_name, Generosity, avg_life_ladder, year
8     FROM RankedCountries
9     WHERE rn = 1
10    ORDER BY Generosity DESC;
```

INDICE MASSIMO DELLA GENOROSITÀ TRA LA POPOLAZIONE, CON IL RECORD DEL MYNAMAR CHE NEL 2014 HA AVUTO IL PUNTEGGIO PIÙ ALTO, A SEGUIRE NEL 2023 L'INDONESIA.

MySQL Workbench

Local instance MySQL80 ×

File Edit View Query Database Server Tools Scripting Help

Navigator report_update... world_happiness_report_update... world_happiness_report_update... world_happiness_report_update... SQLAdditions

CHEMAS

Filter objects

Tables

world_happiness_repo

Columns

- Country_name
- year
- Life_Ladder
- Log_GDP_per_capita
- Social_support
- Healthy_life_expectancy
- Freedom_to_choose_your_l

Administration Schemas

Information

Schema: pymysql

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid Form Editor Read Only Context Help Snippets

Output

```
1 • WITH RankedCountries AS (
2     SELECT Country_name, Generosity, year,
3            AVG(life_ladder) OVER (PARTITION BY Country_name) AS avg_life_ladder,
4            ROW_NUMBER() OVER (PARTITION BY Country_name ORDER BY Generosity DESC) AS rn
5     FROM world_happiness_report_updated_2024
6 )
7     SELECT Country_name, Generosity, avg_life_ladder, year
8     FROM RankedCountries
9     WHERE rn = 1
10    ORDER BY Generosity ASC;
```

	Country_name	Generosity	avg_life_ladder	year
▶	Georgia	-0.21	4.432500000000001	2015
	Greece	-0.161	5.593312500000001	2021
	Armenia	-0.155	4.679529411764706	2017
	Gabon	-0.148	4.624846153846154	2013
	Tunisia	-0.143	4.665	2010
		-0.121	5.001222222222225	2021

Result 6 ×

AL CONTRARIO IN FONDO ALLA CLASSIFICA SULLA GENEROSITÀ TRA LA POPOLAZIONE TROVIAMO LA GEORGIA NEL 2015, LA GRECIA NEL 2021 E L'ARMENIA NEL 2017.

Automatic context help disabled. Use the toolbar manually get help for the current caret position or toggle automatic help.

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

world_happiness_repo

Columns

- Country_name
- year
- Life_Ladder
- Log_GDP_per_c
- Social_support
- Healthy_life_ex
- Freedom_to_ma
- Generosity

Administration Schemas

Information

Schema: pymysql

Result Grid | Filter Rows: Export: Wrap Cell Content:

	Country_name	year	Perceptions_of_corruption	avg_life_ladder
▶	Hungary	2010	0.983	5.4471875
	Lithuania	2009	0.979	5.991333333333325
	Croatia	2011	0.977	5.68675
	Serbia	2011	0.977	5.463750000000001
	Bosnia and Herzegovina	2014	0.976	5.319374999999999
	Bulgaria	2007	0.976	4.751933333333333

Result 12 ×

Object Info Session Output

SQLAdditions

1 • WITH RankedCountries AS (
2 SELECT Country_name, year, Perceptions_of_corruption,
3 AVG(life_ladder) OVER (PARTITION BY Country_name) AS avg_life_ladder,
4 ROW_NUMBER() OVER (PARTITION BY Country_name ORDER BY Perceptions_of_corruption DESC)
5 FROM world_happiness_report_updated_2024
6)
7 SELECT Country_name, year, Perceptions_of_corruption, avg_life_ladder
8 FROM RankedCountries
9 WHERE rn = 1
10 ORDER BY Perceptions_of_corruption DESC;

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or toggle automatic help.

PERCEZIONE DI CORRUZIONE PIÙ ALTA, IL RECORD MASSIMO È STATO RAGGIUNTO DALL'UNGHERIA NEL 2010, SEGUITO DA ALTRI PAESI DELL'EST EUROPA COME LITUANIA (2009), CROAZIA(2011), SERBIA E BOSNIA (2014).

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator report_update... world_happiness_report_update... world_happiness_report_update... world_happiness_report_update... SQLAdditions

SCHEMAS

Filter objects

world_happiness_repo

Columns

- Country_name
- year
- Life_Ladder
- Log_GDP_per_c
- Social_support
- Healthy_life_ex
- Freedom_to_ma
- Generosity

Administration Schemas

Information

Schema: pymysql

Result Grid | Filter Rows: Export: Wrap Cell Content:

	Country_name	year	Perceptions_of_corruption	avg_life_ladder
▶	Sri Lanka	2023	0.922	4.263411764705883
	Uganda	2023	0.912	4.315499999999999
	Pakistan	2023	0.889	5.103588235294118
	Bolivia	2023	0.877	5.742166666666666
	Ethiopia	2023	0.8	4.2752
	North Macedonia	2022	0.937	5.000000000000001

Result 13 × Read Only Context Help Snippets

DON'T LIMIT

Automatic context help is disabled. Use the toolbar manually get help for the current caret position or toggle automatic help.

```
1 • WITH RankedCountries AS (
2     SELECT Country_name, year, Perceptions_of_corruption,
3            AVG(life_ladder) OVER (PARTITION BY Country_name) AS avg_life_ladder,
4            ROW_NUMBER() OVER (PARTITION BY Country_name ORDER BY Perceptions_of_corruption DESC)
5     FROM world_happiness_report_updated_2024
6 )
7     SELECT Country_name, year, Perceptions_of_corruption, avg_life_ladder
8     FROM RankedCountries
9     WHERE rn = 1
10    ORDER BY year desc, Perceptions_of_corruption DESC;
```

QUESTA È LA PERCEZIONE DI CORRUZIONE SOLAMENTE PER L'ANNO 2023, AL PRIMO POSTO TROVIAMO LO SRI LANKA, A SEGUIRE UGANDA E PAKISTAN.

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Schemas

Filter objects

- year
- Life_Ladder
- Log_GDP_per_c...
- Social_support
- Healthy_life_ex...
- Freedom_to_ma...
- Generosity
- Perceptions_of...
- Positive_affect
- Negative_affect

Administration Schemas

Information

Schema: pymysql

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid | Form Editor | Read Only | Context Help | Snippets

Result 4 x

Country_name	year	Positive_affect	Life_Ladder
Thailand	2015	0.884	6.202
Paraguay	2014	0.876	5.119
Panama	2013	0.86	6.866
Iceland	2008	0.851	6.888
Venezuela	2010	0.847	7.478
Guatemala	2023	0.843	6.421

Object Info Session Output

1 • SELECT t1.Country_name, t1.year, t1.Positive_affect, t1.Life_Ladder
2 FROM world_happiness_report_updated_2024 AS t1
3 JOIN (SELECT
4 Country_name,
5 MAX(Positive_affect) AS max_positive_affect
6 FROM world_happiness_report_updated_2024
7 GROUP BY Country_name
8) AS t2
9 ON t1.Country_name = t2.Country_name AND t1.Positive_affect = t2.max_positive_affect
10 ORDER BY t1.Positive_affect DESC;

Automatic context help disabled. Use the toolbar manually get help for the current caret position or toggle automatic help.

ESEGUENDO UNA SELF-JOIN, ABBIAMO I RECORD MAGGIORI DURANTE GLI ANNI DELLE FREQUENZE DI EMOZIONI POSITIVE NEI PAESI. IN PRIMA POSIZIONE TAILANDIA NEL 2015 A SEGUIRE PARAGUAY NEL 2014 E PANAMA.

MySQL Workbench

Local instance MySQL80 ×

File Edit View Query Database Server Tools Scripting Help

Navigator: report_update... world_happiness_report_update... world_happiness_report_update... world_happiness_report_update... SQLAdditions

SCHEMAS

Filter objects

- year
- Life_Ladder
- Log_GDP_per_c...
- Social_support
- Healthy_life_ex...
- Freedom_to_ma...
- Generosity
- Perceptions_of...
- Positive_affect
- Negative_affect

Administration Schemas

Information Schema: pymysql

Result Grid | Filter Rows: Export: Wrap Cell Content:

	Country_name	year	Positive_affect	Life_Ladder
▶	Guatemala	2023	0.843	6.421
	Senegal	2023	0.825	5.093
	Czechia	2023	0.75	6.827
	Uganda	2023	0.726	4.467
	India	2023	0.699	4.676
	Kyrgyzstan	2023	0.681	5.91

Result 5 × Read Only Context Help Snippets

Output ::

```
1 •   SELECT t1.Country_name, t1.year, t1.Positive_affect, t1.Life_Ladder
2     FROM world_happiness_report_updated_2024 AS t1
3     JOIN (
4       SELECT
5         Country_name,
6         MAX(Positive_affect) AS max_positive_affect
7       FROM world_happiness_report_updated_2024
8       GROUP BY Country_name
9     ) AS t2
10    ON t1.Country_name = t2.Country_name AND t1.Positive_affect = t2.max_positive_affect
11    ORDER BY t1.year DESC, t1.Positive_affect DESC;
```

Automatic context help disabled. Use the toolbar to manually get help for the current caret position or toggle automatic help.

PER IL 2023 INVECE LE FREQUENZE DI EMOZIONI POSITIVE MAGGIORI RISULTANO ESSERE IN GUATEMALA, SEGUITO DA SENEGAL E REPUBBLICA CECA.

MySQL Workbench

Local instance MySQL80 ×

File Edit View Query Database Server Tools Scripting Help

Schemas

Navigator: report_update... world_happiness_report_update... world_happiness_report_update... world_happiness_report_update... SQLAdditions

SCHEMAS

Filter objects

orizon_agenzia_viaggio

pysql

sys

travel

world_happiness_report

Tables

world_happiness_repo

Columns

Country_name

year

Administration Schemas

Information

Schema: pysql

Object Info Session

Report update... world_happiness_report_update... world_happiness_report_update... world_happiness_report_update... SQLAdditions

1 • select Country_name, Negative_affect, year
2 from world_happiness_report_updated_2024
3 order by Negative_affect desc;

Result Grid | Filter Rows: Export: Wrap Cell Content: Fetch rows:

	Country_name	Negative_affect	year
▶	Syria	0.705	2012
	Syria	0.643	2015
	Syria	0.622	2013
	Afghanistan	0.607	2021
	Central African Republic	0.599	2017
	Iraq	0.591	2017
	Iraq	0.581	2015
	Iraq	0.57	2016
	Lebanon	0.569	2021
	Iraq	0.564	2014
	Iraq	0.557	2011
	Iran	0.552	2013

world_happiness_report_update... ×

Result Grid Form Editor Field Types

Read Only Context Help Snippets

Output

Automatic context help disabled. Use the toolbar manually get help for the current caret position or toggle automatic help.

The screenshot shows the MySQL Workbench interface with a query editor containing a SELECT statement. The results are displayed in a grid titled 'Result Grid' for the 'world_happiness_report_update...' schema. The grid lists countries, their negative affect scores, and years. Syria has the highest score of 0.705 in 2012, which is highlighted in blue. Other countries listed include Afghanistan, Central African Republic, Iraq, Lebanon, and Iran. The interface includes various toolbars and panels typical of a database management tool.

INFINE QUESTA È LA CLASSIFICA DELLE EMOZIONI NEGATIVE PERCEPITE NEGLI ANNI CON SYRIA CHE NEL 2012 HA AVUTO SFORTUNATAMENTE IL RECORD DI MAGGIOR EMOZIONI NEGATIVE.

MySQL Workbench

Local instance MySQL80 ×

File Edit View Query Database Server Tools Scripting Help

Schemas

Navigator: report_update... world_happiness_report_update... world_happiness_report_update... world_happiness_report_update... × SQLAdditions

CHEMASES

Filter objects

orizon_agenzia_viaggio

mysql

sys

travel

world_happines_report

Tables

world_happiness_repo

Columns

Country_name

year

Administration Schemas

Information

Schema: mysql

Result Grid | Filter Rows: Export: Wrap Cell Content: Fetch rows: Result Grid

1 • select Country_name, Negative_affect, year
2 from world_happiness_report_updated_2024
3 order by Negative_affect desc, year desc;

Result Grid

Form Editor

Field Types

Read Only Context Help Snippets

Output

	Country_name	Negative_affect	year
▶	Guinea	0.516	2023
	Israel	0.516	2023
	Congo (Kinshasa)	0.497	2023
	Iraq	0.469	2023
	Chad	0.467	2023
	Jordan	0.442	2023
	Bangladesh	0.435	2023
	Sierra Leone	0.43	2023
	Benin	0.428	2023
	Liberia	0.428	2023
	Iran	0.425	2023
	Gabon	0.424	2023

MENTRE QUESTA È LA CLASSIFICA DELLE EMOZIONI NEGATIVE NEL 2023.

GRAZIE PER LA VISIONE.

SOURCE