QUESTION:

Lets
Upgrade

Day-4 Assignment : [Retrieve all unique values of the "category" column from the "products" table.

Suppose you have a "products" table with the following data:

product_id product_name category price
1 T-Shirt Clothing 10.99
2 Socks Clothing 4.99
3 Hat Accessories 12.99
4 Shoes Footwear 59.99
5 Backpack Accessories 29.99
6 Pants Clothing 24.99

The SQL query SELECT DISTINCT category FROM products would return the following result:

category
Clothing
Accessories
Footwear

Your Answer:

Assignment Github Link

Details

Screenshot 1 — MySQL Workbench

Menu: File Edit View Query Database Server Tools Scripting Help

Tabs: Query 1 | products - Table | products | Product_table | SQL_product ×

Navigator — SCHEMAS

Filter objects
- db1
- product
  - Tables
  - Views
  - Stored Procedur
  - Functions
- sys

SQL editor (Limit to 1000 rows):
```sql
1  create database product;
2
3  SELECT * FROM product.products;
4  SELECT DISTINCT category FROM products;
```

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

Result Grid:

product_id	product_name	category	price
1	T-Shirt	Clothing	10.99
2	Socks	Clothing	4.99
3	Hat	Accessories	12.99
4	Shoes	Footwear	59.99
5	Backpack	Accessories	29.99
6	Pants	Clothing	24.99
NULL	NULL	NULL	NULL

products 6 ×   Apply Revert   Context Help Snippets

Output — Action Output

#	Time	Action	Message	Duration / Fetch
8	10:02:52	SELECT DISTINCT product_name FROM products LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
9	10:03:06	SELECT DISTINCT category FROM products LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
10	10:08:09	SELECT * FROM product.products LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
11	12:24:42	SELECT DISTINCT category FROM products LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
12	12:24:49	SELECT * FROM product.products LIMIT 0, 1000	6 row(s) returned	0.016 sec / 0.000 sec
13	12:24:49	SELECT DISTINCT category FROM products LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
14	12:31:54	SELECT DISTINCT category FROM products LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
15	12:32:42	SELECT * FROM product.products LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec

Query Completed

Schema: product

12:32 PM 07-04-2023

Screenshot 2 — MySQL Workbench

Menu: File Edit View Query Database Server Tools Scripting Help

Tabs: Query 1 | products - Table | products | Product_table | SQL_product ×

Navigator — SCHEMAS

Filter objects
- db1
- product
  - Tables
  - Views
  - Stored Procedur
  - Functions
- sys

SQL editor:
```sql
1  create database product;
2     Execute the selected portion of the script or everything, if there is no selection
3  SELECT * FROM product.products;
4  SELECT DISTINCT category FROM products;
```

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

Result Grid:

category
Clothing
Accessories
Footwear

products 7 ×   Read Only   Context Help Snippets

Output — Action Output

#	Time	Action	Message	Duration / Fetch
9	10:03:06	SELECT DISTINCT category FROM products LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
10	10:08:09	SELECT * FROM product.products LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
11	12:24:42	SELECT DISTINCT category FROM products LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
12	12:24:49	SELECT * FROM product.products LIMIT 0, 1000	6 row(s) returned	0.016 sec / 0.000 sec
13	12:24:49	SELECT DISTINCT category FROM products LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
14	12:31:54	SELECT DISTINCT category FROM products LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
15	12:32:42	SELECT * FROM product.products LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
16	12:32:52	SELECT DISTINCT category FROM products LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec

Query Completed

Schema: product

12:32 PM 07-04-2023