

Myntra Products MySQL Project

This project demonstrates how to work with a product catalog dataset (CSV format) using MySQL Server 9.2.

It includes creating a database, importing CSV data, performing queries, and exporting results.

1. Create Database

```
CREATE DATABASE myntra_db;
```

```
USE myntra_db;
```

2. Create Table

```
CREATE TABLE myntra_products (  
    product_id INT PRIMARY KEY,  
    product_name VARCHAR(255),  
    category VARCHAR(100),  
    sub_category VARCHAR(100),  
    gender VARCHAR(50),  
    price DECIMAL(10,2),  
    rating FLOAT,  
    brand VARCHAR(100)  
);
```

3. Check Secure File Path for Import/Export

```
SHOW VARIABLES LIKE 'secure_file_priv';
```

Note the output path (e.g. C:/ProgramData/MySQL/MySQL Server 9.2/Uploads/)

4. Import Data from CSV

Make sure your CSV file is located in the secure_file_priv path and named myntra_products_catalog.csv.

```
LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 9.2/Uploads/myntra_products_catalog.csv'

INTO TABLE myntra_products

FIELDS TERMINATED BY ','

ENCLOSED BY '"'

LINES TERMINATED BY '\n'

IGNORE 1 ROWS;
```

5. Sample Query: Most Popular Product

```
SELECT product_name, COUNT(*) AS total_sold

FROM order_items

GROUP BY product_name

ORDER BY total_sold DESC

LIMIT 1;
```

6. Export Data to CSV

```
SELECT *

INTO OUTFILE 'C:/ProgramData/MySQL/MySQL Server 9.2/Uploads/products_export.csv'

FIELDS TERMINATED BY ','
```

ENCLOSED BY '''

LINES TERMINATED BY '\n'

FROM myntra_products;

Troubleshooting

- ERROR 1049 (42000): Unknown database

-> Make sure you created the database correctly using CREATE DATABASE.

- ERROR 1064 (42000): SQL syntax error

-> Double-check commas, data types, and line endings.

- File not found / access denied:

-> Ensure the file is inside the allowed path shown by secure_file_priv.

Tools Used

- MySQL Server 9.2

- MySQL CLI

- CSV dataset: Myntra product catalog

Author

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