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* Nathan Yoon

# **BMIS 441 02: Database Management [Fall 2021]**

## **SQL Assignment #1-Single Table Queries**

For each information request below, formulate a single SQL query to produce the required information. Read the problems carefully and in each case, **you should display only the columns requested**. **Be sure that your queries do not produce duplicate records unless otherwise directed**.

| Due Date: | Sep 12 at 23:59 |
| --- | --- |
| Points: | 100 |

Graded on Sep 13 at 12:40

Your Submission:

| Submission Score: | 100 / 100 (100.00%) |
| --- | --- |
| Grade Time: | Sep 13 at 12:40 |
| Submitted On: | Sep 09 at 11:04 |

*Feedback on this submission:* Great job, Nathan!

1. What were the category, productname, color and item size of products manufactured by Converse and sold in 2014? Use DISTINCT to remove the display of duplicate rows.
2. SELECT DISTINCT Category, ProductName, Color, ItemSize
3. FROM SimplifiedSales
4. WHERE ManufacturerName='Converse'
5. AND YEAR(SaleDate)='2014';

**FEEDBACK**10 / 10 (100.0%)

1. Give first and last names of customers who have made purchases costing $120 or more but less than $130. Only show customer names. Use DISTINCT to remove the display of duplicate rows.
2. SELECT DISTINCT FirstName, LastName
3. FROM SimplifiedSales
4. WHERE Price >= 120
5. AND Price < 130;

**FEEDBACK**10 / 10 (100.0%)

1. What are the product names of boots size 12 and above sold in 2014? Use DISTINCT to remove the display of duplicate rows.
2. SELECT DISTINCT ProductName
3. FROM SimplifiedSales
4. WHERE Category='boots'
5. AND ItemSize >= 12
6. AND YEAR(SaleDate)= 2014;

**FEEDBACK**10 / 10 (100.0%)

1. List all the information for each sale made to customer Stephen Liddle.
2. SELECT \*
3. FROM SimplifiedSales
4. WHERE FirstName='Stephen'
5. AND LastName='Liddle';

**FEEDBACK**10 / 10 (100.0%)

1. What are the colors of sold products whose price is more than $100? Show only colors. Use DISTINCT to remove the display of duplicate rows.
2. SELECT DISTINCT Color
3. FROM SimplifiedSales
4. WHERE Price > 100;

**FEEDBACK**10 / 10 (100.0%)

1. What manufacturers have had products sold in June of 2015? Only show manufacturer names. Use DISTINCT to remove the display of duplicate rows. (Note: Use date functions of "month" and "year".)
2. SELECT DISTINCT ManufacturerName
3. FROM SimplifiedSales
4. WHERE MONTH(SaleDate)= 6
5. AND YEAR(SaleDate)= 2015;

**FEEDBACK**10 / 10 (100.0%)

1. Give a list of customer's last and first names with the product names who have purchased boots priced $10 and under. Use DISTINCT to remove the display of duplicate rows.
2. SELECT DISTINCT LastName, FirstName, ProductName
3. FROM SimplifiedSales
4. WHERE Price <= 10
5. AND Category='boots';

**FEEDBACK**10 / 10 (100.0%)

1. What were the sales prices of the product named hampton boots that have been sold? (Product names are not capitalized in the database.) Return only the sales prices.
2. SELECT DISTINCT Price
3. FROM SimplifiedSales
4. WHERE ProductName='hampton boots';

**FEEDBACK**10 / 10 (100.0%)

1. Which products were sold on the second of January of 2014? Only show product names. Use DISTINCT to remove the display of duplicate rows.
2. SELECT DISTINCT ProductName
3. FROM SimplifiedSales
4. WHERE MONTH(SaleDate)=1
5. AND DAY(SaleDate)=2
6. AND YEAR(SaleDate)=2014;

**FEEDBACK**10 / 10 (100.0%)

1. Give all data for sales of more than $130
2. SELECT DISTINCT \*
3. FROM SimplifiedSales
4. WHERE Price >130;

**FEEDBACK**10 / 10 (100.0%)

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