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| CS/IS 234  Lab 6: Advanced Select  Sunday, October 12, 2019  Radu Enachi  Introduction:  Chapter 6 will bring us more advance knowledge in select stamens using new functions. Example it will be in how do we order the table by grouping them and performing advance math operations.  Step 1 : Using the *SUM* function to find the sales total.  SELECT *SUM*(sales) FROM radu\_cookie\_sales WHERE first\_name = ' Nicole';A screenshot of a computer screen  Description automatically generated |

Step 2: Using advance Select statements incorporated with GRUP BY, SUM, ORDER BY functions.

SELECT first\_name, *SUM*(sales)  
FROM radu\_cookie\_sales  
GROUP BY first\_name  
ORDER BY *SUM*(sales) DESC;

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SELECT first\_name, *AVG*(sales)  
FROM radu\_cookie\_sales  
GROUP BY first\_name;

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SELECT first\_name, *MAX*(sales)  
FROM radu\_cookie\_sales  
GROUP BY first\_name;

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SELECT first\_name, *MIN*(sales)  
FROM radu\_cookie\_sales  
GROUP BY first\_name;

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SELECT first\_name, *COUNT*(sales)  
FROM radu\_cookie\_sales  
GROUP BY first\_name;

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Step 3: Select *DISTINCT* values.

SELECT DISTINCT sale\_date  
FROM radu\_cookie\_sales  
ORDER BY sale\_date;

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SELECT *COUNT*(DISTINCT sale\_date)  
FROM radu\_cookie\_sales;

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Step 4: Limit the number of results.

SELECT first\_name, *SUM*(sales)  
FROM radu\_cookie\_sales  
GROUP BY first\_name  
ORDER BY *SUM*(sales) DESC  
LIMIT 2;

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