SQL Query and Output

SELECT SUM(Sales) AS total_sales FROM store_sales;

```
mysql> SELECT SUM(Sales) AS total_sales FROM store_sales;
+-------------------+
| total_sales       |
+-------------------+
| 2261536.782699953 |
+-------------------+
1 row in set (0.02 sec)
```

SELECT Category, SUM(Sales) FROM store_sales GROUP BY Category ORDER BY SUM(Sales) DESC;

```
mysql> SELECT Category, SUM(Sales) FROM store_sales GROUP BY Category ORDER BY SUM(Sales) DESC;
+-----------------+------------------+
| Category        | SUM(Sales)       |
+-----------------+------------------+
| Technology      | 827455.8729999965 |
| Furniture       | 728658.5756999997 |
| Office Supplies | 705422.3340000033 |
+-----------------+------------------+
```

SELECT Segment, SUM(Sales) FROM store_sales GROUP BY Segment;

```
mysql> SELECT Segment, SUM(Sales) FROM store_sales GROUP BY Segment;
+-------------+-------------------+
| Segment     | SUM(Sales)        |
+-------------+-------------------+
| Consumer    | 1148060.5309999897 |
| Corporate   |  688494.0748000002 |
| Home Office |  424982.1769000004 |
+-------------+-------------------+
```

SELECT `Customer Name`, SUM(Sales) AS total_sales FROM store_sales GROUP BY `Customer Name`
ORDER BY total_sales DESC LIMIT 10;

```
mysql> SELECT `Customer Name`, SUM(Sales) AS total_sales FROM store_sales GROUP BY `Customer Name` ORDER BY total_sales DESC LIMIT 10;
+-------------------+-------------------+
| Customer Name     | total_sales       |
+-------------------+-------------------+
| Sean Miller       |          25043.05 |
| Tamara Chand      | 19052.217999999997 |
| Raymond Buch      |         15117.339 |
| Tom Ashbrook      |          14595.62 |
| Adrian Barton     | 14473.570999999998 |
| Ken Lonsdale      |         14175.229 |
| Sanjit Chand      | 14142.333999999999 |
| Hunter Lopez      | 12873.297999999999 |
| Sanjit Engle      | 12209.438000000002 |
| Christopher Conant |         12129.072 |
+-------------------+-------------------+
```

SELECT State, SUM(Sales) FROM store_sales GROUP BY State ORDER BY SUM(Sales) DESC;

```
mysql> SELECT State, SUM(Sales) FROM store_sales GROUP BY State ORDER BY SUM(Sales) DESC;
+----------------------+---------------------+
| State                | SUM(Sales)          |
+----------------------+---------------------+
| California           | 446306.4635000011   |
| New York             | 306361.147          |
| Texas                | 168572.53220000005  |
| Washington           | 135206.84999999995  |
| Pennsylvania         | 116276.65000000002  |
| Florida              | 88436.53199999999   |
| Illinois             | 79236.51699999989   |
| Michigan             | 76136.07400000002   |
| Ohio                 | 75130.34999999993   |
| Virginia             | 70636.71999999999   |
| North Carolina       | 55165.96399999997   |
| Indiana              | 48718.4             |
| Georgia              | 48219.11000000001   |
| Kentucky             | 36458.38999999997   |
| Arizona              | 35272.657           |
| New Jersey           | 34610.972000000016  |
| Colorado             | 31841.597999999994  |
| Wisconsin            | 31173.43000000002   |
| Tennessee            | 30661.87299999998   |
| Minnesota            | 29863.149999999994  |
| Massachusetts        | 28634.433999999994  |
| Delaware             | 27322.998999999993  |
| Maryland             | 23705.523           |
| Rhode Island         | 22525.025999999994  |
| Missouri             | 22205.149999999998  |
| Oklahoma             | 19683.39            |
| Alabama              | 19510.639999999992  |
| Oregon               | 17284.461999999992  |
| Nevada               | 16729.102           |
| Connecticut          | 13384.356999999996  |
| Arkansas             | 11678.129999999997  |
| Utah                 | 11220.055999999999  |
| Mississippi          | 10771.34            |
| Louisiana            | 9131.05             |
| Vermont              | 8929.369999999999   |
| South Carolina       | 8481.71             |
| Nebraska             | 7464.9299999999985  |
| New Hampshire        | 7292.523999999999   |
| Montana              | 5589.351999999997   |
| New Mexico           | 4783.521999999999   |
| Iowa                 | 4443.5599999999995  |
| Idaho                | 4382.486000000002   |
| Kansas               | 2914.31             |
| District of Columbia | 2865.0199999999995  |
| Wyoming              | 1603.136            |
| South Dakota         | 1315.5600000000002  |
| Maine                | 1270.5300000000002  |
| West Virginia        | 1209.824            |
| North Dakota         | 919.91              |
+----------------------+---------------------+
```

SELECT `Ship Mode`, SUM(Sales) FROM store_sales GROUP BY `Ship Mode`;

```
mysql> SELECT `Ship Mode`, SUM(Sales) FROM store_sales GROUP BY `Ship Mode`;
+----------------+---------------------+
| Ship Mode      | SUM(Sales)          |
+----------------+---------------------+
| Second Class   | 449914.17939999996  |
| Standard Class | 1340831.3069999823  |
| First Class    | 345572.25730000035  |
| Same Day       | 125219.03899999999  |
+----------------+---------------------+
```

SELECT DATE_FORMAT(STR_TO_DATE(`Order Date`, '%d-%m-%Y'), '%Y-%m') AS month,SUM(`Sales`) AS total_sales FROM store_sales GROUP BY month ORDER BY month;

```
mysql> SELECT DATE_FORMAT(STR_TO_DATE(`Order Date`, '%d-%m-%Y'), '%Y-%m') AS month,SUM(`Sales`) AS total_sales FROM store_sales GROUP BY month ORDER BY month;
+---------+-------------------+
| month   | total_sales       |
+---------+-------------------+
| 2015-01 | 14205.7069999997  |
| 2015-02 |          4519.892 |
| 2015-03 |  55205.79700000003 |
| 2015-04 | 27906.854999999992 |
| 2015-05 |         23644.303 |
| 2015-06 |  34322.93560000002 |
| 2015-07 |         33781.543 |
| 2015-08 | 27117.536499999995 |
| 2015-09 |  81623.52679999998 |
| 2015-10 |  31453.39299999999 |
| 2015-11 |  77907.66070000001 |
| 2015-12 |         68167.0585 |
| 2016-01 | 18066.957599999994 |
| 2016-02 |         11951.411 |
| 2016-03 |  32339.31839999999 |
| 2016-04 | 34154.468499999995 |
| 2016-05 | 29959.530499999997 |
| 2016-06 |         23599.374 |
| 2016-07 |  28608.25899999999 |
| 2016-08 |  36818.34219999999 |
| 2016-09 | 63133.606000000036 |
| 2016-10 | 31011.737500000014 |
| 2016-11 |  75249.39950000004 |
| 2016-12 |  74543.60120000008 |
| 2017-01 | 18542.490999999995 |
| 2017-02 | 22978.815000000002 |
| 2017-03 | 51165.05900000002  |
| 2017-04 |  38679.76699999998 |
| 2017-05 |  56656.90799999999 |
| 2017-06 |  39724.48599999998 |
| 2017-07 |  38320.78299999997 |
| 2017-08 |         38542.2003 |
| 2017-09 |  69193.39089999998 |
| 2017-10 | 59583.03300000001  |
| 2017-11 |         79066.4958 |
| 2017-12 | 95739.12100000001  |
| 2018-01 |  43476.47399999999 |
| 2018-02 | 19920.9973999997  |
| 2018-03 | 58863.412799999984 |
| 2018-04 | 35541.91010000001  |
| 2018-05 |  43825.98219999999 |
| 2018-06 |         48190.7277 |
| 2018-07 | 44825.10400000001  |
| 2018-08 |  62837.84799999998 |
| 2018-09 | 86152.88800000004  |
| 2018-10 | 77448.13119999997  |
| 2018-11 | 117938.15500000001 |
| 2018-12 |         83030.3888 |
+---------+-------------------+
```

SELECT `Sub-Category`, SUM(Sales) FROM store_sales GROUP BY `Sub-Category` ORDER BY
SUM(Sales) DESC;

```
mysql> SELECT `Sub-Category`, SUM(Sales) FROM store_sales GROUP BY `Sub-Category` ORDER BY SUM(Sales) DESC;
+--------------+--------------------+
| Sub-Category | SUM(Sales)         |
+--------------+--------------------+
| Phones       | 327782.44800000027 |
| Chairs       |  322822.7310000008 |
| Storage      |  219343.3920000001 |
| Tables       |  202810.6280000001 |
| Binders      |  200028.78500000003 |
| Machines     |  189238.63099999996 |
| Accessories  |  164186.70000000016 |
| Copiers      |  146248.09399999995 |
| Bookcases    |  113813.19869999998 |
| Appliances   |  104618.40299999998 |
| Furnishings  |   89212.01800000003 |
| Paper        |   76828.30400000002 |
| Supplies     |   46420.30800000001 |
| Art          |  26705.409999999956 |
| Envelopes    |  16128.045999999997 |
| Labels       |          12347.726 |
| Fasteners    |  3001.9599999999996 |
+--------------+--------------------+
```

desc store_sales;

```
mysql> desc store_sales;
+---------------+--------+------+-----+---------+-------+
| Field         | Type   | Null | Key | Default | Extra |
+---------------+--------+------+-----+---------+-------+
| Row ID        | bigint | YES  |     | NULL    |       |
| Order ID      | text   | YES  |     | NULL    |       |
| Order Date    | text   | YES  |     | NULL    |       |
| Ship Date     | text   | YES  |     | NULL    |       |
| Ship Mode     | text   | YES  |     | NULL    |       |
| Customer ID   | text   | YES  |     | NULL    |       |
| Customer Name | text   | YES  |     | NULL    |       |
| Segment       | text   | YES  |     | NULL    |       |
| Country       | text   | YES  |     | NULL    |       |
| City          | text   | YES  |     | NULL    |       |
| State         | text   | YES  |     | NULL    |       |
| Postal Code   | double | YES  |     | NULL    |       |
| Region        | text   | YES  |     | NULL    |       |
| Product ID    | text   | YES  |     | NULL    |       |
| Category      | text   | YES  |     | NULL    |       |
| Sub-Category  | text   | YES  |     | NULL    |       |
| Product Name  | text   | YES  |     | NULL    |       |
| Sales         | double | YES  |     | NULL    |       |
+---------------+--------+------+-----+---------+-------+
```