```
mysgl> CREATE TABLE CityCrimeStatistics (
          CityID INT PRIMARY KEY AUTO_INCREMENT.
   ->
          CityName VARCHAR(100).
          Year INT.
          TotalCrimes INT,
   ->
          CrimeRate DECIMAL(5, 2),
   ->
          ViolentCrimes INT.
          PropertyCrimes INT.
          ClearanceRate DECIMAL(5, 2)
   -> ):
Query OK, 0 rows affected (0.03 sec)
mysql> INSERT INTO CityCrimeStatistics (CityName, Year, TotalCrimes, CrimeRate, ViolentCrimes, PropertyCrimes, ClearanceRate) VALUES
   -> ('Mumbai', 2023, 35000, 4.80, 9000, 26000, 62.00),
   -> ('Delhi', 2023, 42000, 5.60, 10000, 32000, 55.00),
   -> ('Bangalore', 2023, 29000, 4.10, 7500, 21500, 64.00),
   -> ('Kolkata', 2023, 27000, 3.70, 6000, 21000, 67.00),
   -> ('Chennai', 2023, 33000, 4.50, 8500, 24500, 60.00),
   -> ('Hyderabad', 2023, 31000, 4.20, 8000, 23000, 65.00),
   -> ('Pune', 2023, 25000, 3.60, 5500, 19500, 70.00).
   -> ('Ahmedabad', 2023, 28000, 4.00, 7000, 21000, 63.00),
   -> ('Jaipur', 2023, 22000, 3.80, 5000, 17000, 66.00),
   -> ('Chandigarh', 2023, 12000, 3.30, 2500, 9500, 72.00),
   -> ('Surat', 2023, 15000, 3.50, 3000, 12000, 68.00),
   -> ('Lucknow', 2023, 27000, 4.30, 6500, 20500, 61.00),
   -> ('Kochi', 2023, 19000, 3.00, 4500, 14500, 74.00),
   -> ('Indore', 2023, 15000, 3.20, 3500, 11500, 69.00),
   -> ('Nagpur', 2023, 17000, 3.50, 4000, 13000, 60.00),
   -> ('Bhopal', 2023, 14000, 3.00, 3000, 11000, 65.00),
   -> ('Visakhapatnam', 2023, 18000, 3.60, 4200, 13800, 62.00),
   -> ('Noida', 2023, 16000, 4.00, 4000, 12000, 64.00),
   -> ('Gurugram', 2023, 19000, 4.20, 4500, 14500, 66.00),
   -> ('Varanasi', 2023, 12000, 3.10, 2800, 9200, 70.00),
   -> ('Patna', 2023, 22000, 4.30, 5400, 16600, 58.00),
   -> ('Nagaland', 2023, 8000, 2.80, 2000, 6000, 75.00);
Ouerv OK, 22 rows affected (0.01 sec)
Records: 22 Duplicates: 0 Warnings: 0
```

```
mysql> SELECT CityName, AVG(CrimeRate) AS AvgCrimeRate
    -> FROM CityCrimeStatistics
    -> GROUP BY CityName
    -> ORDER BY AvgCrimeRate DESC;
                   AvgCrimeRate
  CityName
  Delhi
                       5.600000
  Mumbai
                       4.800000
  Chennai
                       4.500000
  Lucknow
                       4.300000
  Patna
                       4.300000
  Hyderabad
                       4.200000
  Gurugram
                       4.200000
  Bangalore
                       4.100000
  Ahmedabad
                       4.000000
  Noida
                       4.000000
  Jaipur
                       3.800000
  Kolkata
                       3.700000
  Pune
                       3.600000
  Visakhapatnam
                       3.600000
  Surat
                       3.500000
  Nagpur
                       3.500000
  Chandigarh
                       3.300000
  Indore
                       3.200000
  Varanasi
                       3.100000
  Kochi
                       3.000000
  Bhopal
                       3.000000
  Nagaland
                       2.800000
22 rows in set (0.00 sec)
```

```
mysql> SELECT CityName, SUM(ViolentCrimes) AS TotalViolentCrimes, SUM(PropertyCrimes) AS TotalPropertyCrimes
    -> FROM CityCrimeStatistics
    -> GROUP BY CityName
    -> ORDER BY TotalViolentCrimes DESC;
                 | TotalViolentCrimes | TotalPropertyCrimes
  CityName
  Delhi
                                10000
                                                        32000
  Mumbai
                                 9000
                                                        26000
  Chennai
                                 8500
                                                        24500
  Hyderabad
                                 8000
                                                        23000
  Bangalore
                                 7500
                                                        21500
  Ahmedabad
                                 7000
                                                        21000
  Lucknow
                                 6500
                                                        20500
  Kolkata
                                 6000
                                                        21000
                                 5500
  Pune
                                                        19500
  Patna
                                 5400
                                                        16600
                                                        17000
  Jaipur
                                 5000
  Kochi
                                 4500
                                                        14500
  Gurugram
                                 4500
                                                        14500
                                 4200
  Visakhapatnam
                                                        13800
  Nagpur
                                 4000
                                                        13000
  Noida
                                 4000
                                                        12000
  Indore
                                 3500
                                                        11500
  Surat
                                 3000
                                                        12000
  Bhopal
                                 3000
                                                        11000
  Varanasi
                                 2800
                                                         9200
  Chandigarh
                                 2500
                                                         9500
  Nagaland
                                                         6000
                                 2000
22 rows in set (0.00 sec)
```

```
mysgl> SELECT CityName, AVG(ClearanceRate) AS AvgClearanceRate
   -> FROM CityCrimeStatistics
   -> GROUP BY CityName
   -> ORDER BY AvgClearanceRate DESC:
    -----+
 CityName
               AvgClearanceRate
 Nagaland
                        75.000000
 Kochi
                        74.000000
 Chandigarh
                        72.000000
  Pune
                        70.000000
 Varanasi
                        70.000000
 Indore
                        69.000000
                        68.000000
  Surat
 Kolkata
                        67.000000
 Jaipur
                        66.000000
 Gurugram
                        66.000000
 Hyderabad
                        65.000000
 Bhopal
                        65.000000
 Bangalore
                        64.000000
 Noida
                        64.000000
  Ahmedabad
                        63.000000
 Mumbai
                        62.000000
 Visakhapatnam
                        62.000000
 Lucknow
                        61.000000
 Chennai
                        60.000000
 Nagpur
                        60.000000
 Patna
                        58.000000
 Delhi
                        55.000000
22 rows in set (0.00 sec)
mysql> SELECT Year, AVG(CrimeRate) AS AvgCrimeRate
   -> FROM CityCrimeStatistics
   -> GROUP BY Year
    -> ORDER BY Year;
    ---+------
  Year | AvgCrimeRate
  2023
            3.822727
+----+
1 row in set (0.00 sec)
```







