Question 5.1

SELECT Application, City, State, total_count

FROM (

  SELECT Application, City, State, COUNT(*) as total_count

  FROM LEADS

  GROUP BY Application, City, State

) as t

WHERE total_count >= (

  SELECT AVG(total_count)

  FROM (

    SELECT Application, City, State, COUNT(*) as total_count

    FROM LEADS

    GROUP BY Application, City, State

) as s

);

```
sqlite> SELECT Application, City, State, total_count
   ...> FROM (
   ...>   SELECT Application, City, State, COUNT(*) as total_count
   ...>   FROM LEADS
   ...>   GROUP BY Application, City, State
   ...> ) as t
   ...> WHERE total_count >= (
   ...>   SELECT AVG(total_count)
   ...>   FROM (
   ...>     SELECT Application, City, State, COUNT(*) as total_count
   ...>     FROM LEADS
   ...>     GROUP BY Application, City, State
   ...>   ) as s
   ...> );
Computerized Practitioner Order Entry (CPOE)  |  Abilene  |  TX  |  2
Computerized Practitioner Order Entry (CPOE)  |  Akron  |  OH  |  4
Computerized Practitioner Order Entry (CPOE)  |  Alameda  |  CA  |  2
Computerized Practitioner Order Entry (CPOE)  |  Albany  |  GA  |  2
Computerized Practitioner Order Entry (CPOE)  |  Albany  |  NY  |  3
Computerized Practitioner Order Entry (CPOE)  |  Albuquerque  |  NM  |  12
Computerized Practitioner Order Entry (CPOE)  |  Alexandria  |  LA  |  3
Computerized Practitioner Order Entry (CPOE)  |  Alexandria  |  VA  |  2
Computerized Practitioner Order Entry (CPOE)  |  Algona  |  IA  |  2
Computerized Practitioner Order Entry (CPOE)  |  Allentown  |  PA  |  3
Computerized Practitioner Order Entry (CPOE)  |  Alton  |  IL  |  2
Computerized Practitioner Order Entry (CPOE)  |  Altoona  |  PA  |  2
Computerized Practitioner Order Entry (CPOE)  |  Amarillo  |  TX  |  2
Computerized Practitioner Order Entry (CPOE)  |  Amityville  |  NY  |  2
Computerized Practitioner Order Entry (CPOE)  |  Amsterdam  |  NY  |  2
Computerized Practitioner Order Entry (CPOE)  |  Anaheim  |  CA  |  5
Computerized Practitioner Order Entry (CPOE)  |  Anchorage  |  AK  |  3
Computerized Practitioner Order Entry (CPOE)  |  Anderson  |  IN  |  2
Computerized Practitioner Order Entry (CPOE)  |  Ann Arbor  |  MI  |  3
Computerized Practitioner Order Entry (CPOE)  |  Anniston  |  AL  |  2
Computerized Practitioner Order Entry (CPOE)  |  Appleton  |  WI  |  2
Computerized Practitioner Order Entry (CPOE)  |  Arlington  |  TX  |  3
Computerized Practitioner Order Entry (CPOE)  |  Asheville  |  NC  |  2
Computerized Practitioner Order Entry (CPOE)  |  Ashland  |  KY  |  2
```

Question 5.2

SELECT Application || ', ' || City AS location, COUNT(*) as row_count

FROM LEADS

GROUP BY location LIMIT 5;

```
Executive Information System, Yonkers  |  2
Executive Information System, York  |  2
Executive Information System, Youngstown  |  3
Executive Information System, Yuba City  |  1
Executive Information System, Yukon  |  1
Executive Information System, Yuma  |  2
Executive Information System, Zachary  |  1
Executive Information System, Zanesville  |  2
Executive Information System, Zephyrhills  |  1
sqlite>
sqlite>
sqlite>
sqlite> SELECT Application || ', ' || City AS location, COUNT(*) as row_count
   ...> FROM LEADS
   ...> GROUP BY location LIMIT 5;
Computerized Practitioner Order Entry (CPOE), Abbeville  |  2
Computerized Practitioner Order Entry (CPOE), Aberdeen  |  2
Computerized Practitioner Order Entry (CPOE), Abilene  |  2
Computerized Practitioner Order Entry (CPOE), Abingdon  |  1
Computerized Practitioner Order Entry (CPOE), Abington  |  1
sqlite> |
```