

SQL Query to display the county_name, subcounty_name, total, male, female sorted by female population. Subcounty with highest female population is on top.

```
SELECT county_name, subcounty_name, total, male, female
FROM subcounty_population_density
ORDER BY female DESC;
```

SQL query to calculate total population of all sub counties. (Use SQL aggregate functions)

```
SELECT SUM(total)
FROM subcounty_population_density;
```

SQL query that retrieves the county_name, the average population density of the subcounties. Order the retrieved results by county name first and then population density descending

```
SELECT county_name, subcounty_name, AVG(pop_density)
FROM subcounty_population_density
GROUP BY subcounty_name;
```

```
SELECT * , AVG(pop_density)
FROM subcounty_population_density
GROUP BY subcounty_name;
```

```
SELECT * ,AVG(pop_density)
FROM subcounty_population_density
GROUP BY subcounty_name
ORDER BY county_name;
```

```
SELECT * , AVG(pop_density) AS avg_pop_density
FROM subcounty_population_density
GROUP BY subcounty_name
ORDER BY pop_density DESC;
```

SQL query to retrieve rows where the subcounty is in Nyandarua county. Notice some of these subcounties have typing mistakes. Updates the names of the subcounties without typing mistakes(SQL UPDATE query)

```
SELECT * FROM subcounty_population_density
WHERE county_name = 'Nyandarua';
```

```
SET SQL_SAFE_UPDATES = 0
```

```
UPDATE subcounty_population_density
SET subcounty_name = "NYANDARUA SOUTH"
WHERE subcounty_name = "NYANDARUASOUTH";
```

```
UPDATE subcounty_population_density
SET subcounty_name = "NYANDARUA CENTRAL"
WHERE subcounty_name = "NYANDARUACENTRAL";
```

```
UPDATE subcounty_population_density
SET subcounty_name = "NYANDARUA WEST"
WHERE subcounty_name = "NYANDARUAWEST";
```

```
UPDATE subcounty_population_density
SET subcounty_name = "NYANDARUA NORTH"
```

```
WHERE subcounty_name = "NYANDARUANORTH";
```