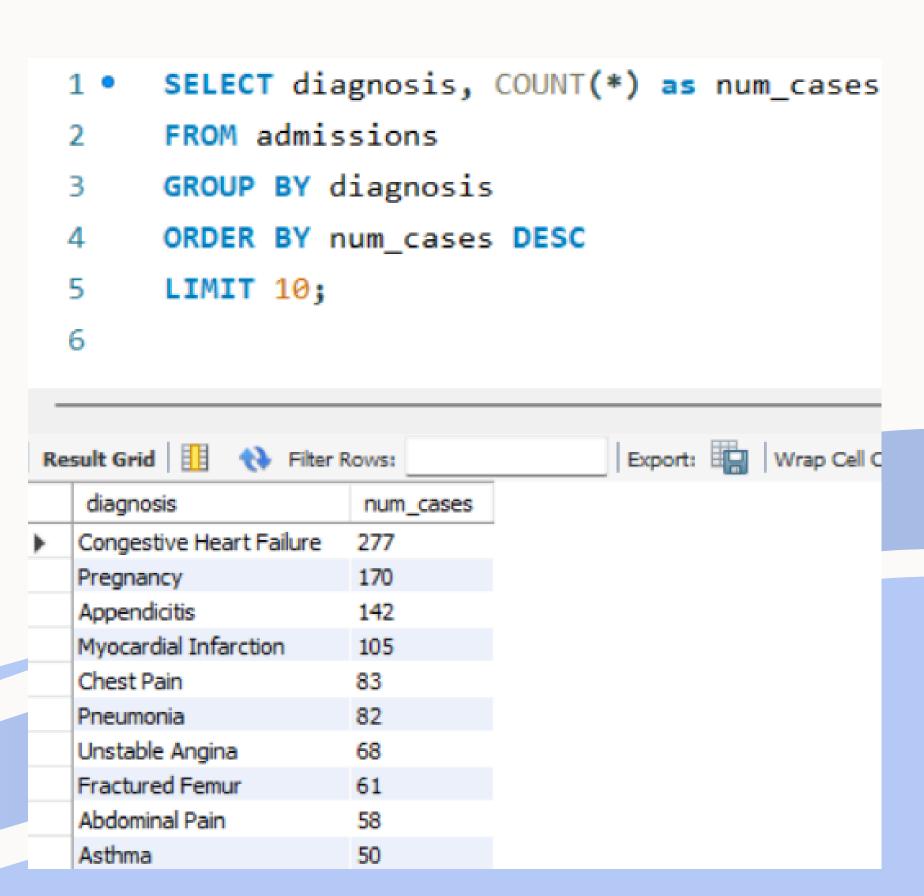


ADDITIONAL INSIGHTS



DIAGNOSIS TRENDS

Congestive Heart Failure is the most frequent diagnosis.



DOCTOR PERFORMANCE

Dr.Claude has the highest no. of the patients.

```
SELECT d.first_name, COUNT(*) as num_admissions
1 •
      FROM admissions a
      JOIN doctors d ON a.attending_doctor_id = d.doctor_
      GROUP BY d.first_name
      ORDER BY num_admissions DESC
      LIMIT 10;
                                     Export: Wrap Cell Content: TA
first_name
         num_admissions
 Claude
          214
 Angelica
          209
 Hazel
          206
          203
 Donna
 Douglas
          201
          200
 Larry
 Marie
          198
          197
 James
 Flora
          194
          191
```

LENGTH OF STAY

Patients diagnosed with major depression have more days of stay.

```
SELECT diagnosis, AVG(DATEDIFF(discharge_date, admission_date))
         as avg_length_of_stay
         FROM admissions
         GROUP BY diagnosis
         ORDER BY avg_length_of_stay DESC;
  5
  6
Result Grid
                                             Export: Wrap Cell Content: IA
              Filter Rows:
                                           avg_length_of_stay
   diagnosis
  Major Depression
                                          7.0000
  Dehydradion, Vomiting
                                          6.6000
  Total Left Hip Replacement
                                          6.6000
  Fractured Hip (Right)
                                          6.3333
  Tuberculosis
                                          6.2727
  Endometriosis
                                          6.1818
  Coronary Artery Disease
                                          6.1500
  Parkinsons, Rheumatoid Arthritis, Total Hip Replac 6.0714
  Hiatal Hernia
                                          6.0000
  Bipolar Disorder
                                          6.0000
  Fracture Rt Radius
                                          6.0000
```

SEASONAL TRENDS

A spike in admissions during winter season.

```
SELECT month(admission_date) as month, COUNT(*) as num_admission:
       FROM admissions
       GROUP BY month(admission_date)
       ORDER BY month;
                                       Export: Wrap Cell Content: 1A
Result Grid
            Filter Rows:
  month num_admissions
        425
        393
        429
        403
        436
        411
        439
        406
        448
        425
  12
        404
```

GEOGRAPHICAL DISTRIBUTION

Most patients are from the Province of Ontario.

