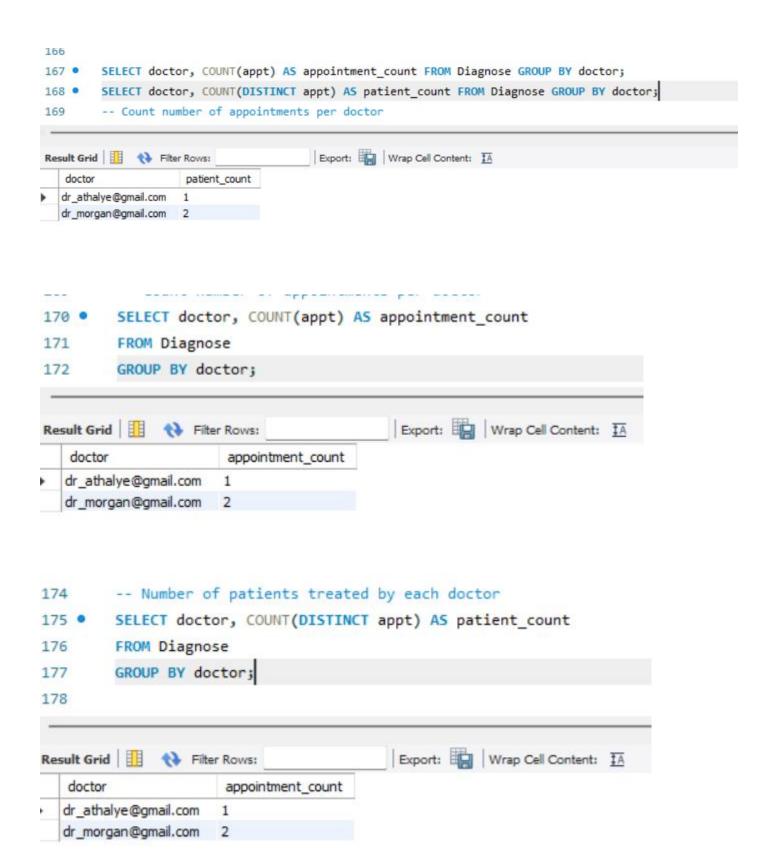
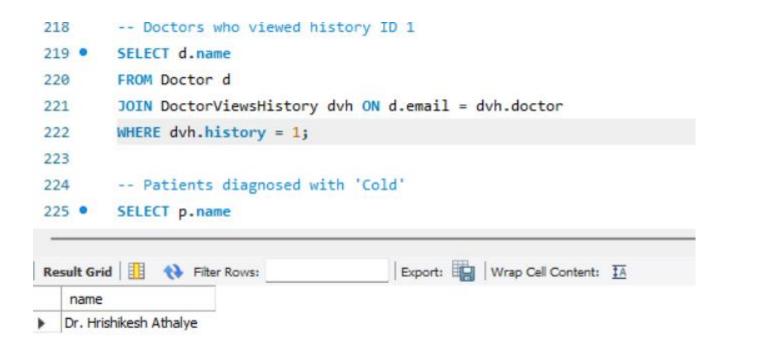


```
191
        -- Join the Doctor and Schedule tables to get all schedules for a doctor
        SELECT d.name AS doctor name, s.day, s.starttime, s.endtime
192 •
        FROM Doctor d
193
        JOIN DocsHaveSchedules dhs ON d.email = dhs.doctor
        JOIN Schedule s ON dhs.sched = s.id
195
        WHERE d.email = 'dr_athalye@gmail.com';
196
197
198
                                      Export: Wrap Cell Content: IA
Result Grid
            Filter Rows:
  doctor_name
                                   endtime
                   day
                           starttime
 Dr. Hrishikesh Athalye
                  Monday
                          09:00:00
                                   17:00:00
208
          SELECT a.date, d.name AS doctor name, diag.diagnosis, diag.prescription
209
210
          FROM Appointment a
          JOIN Diagnose diag ON a.id = diag.appt
211
          JOIN Doctor d ON diag.doctor = d.email;
212
Result Grid
                 Filter Rows:
                                                  Export: Wrap Cell Content: TA
   date
                doctor_name
                                                 prescription
                                      diagnosis
   2025-04-15
                Dr. Hrishikesh Athalye
                                      Cold
                                                 Rest and Drink Fluids
   2025-04-16
                Dr. Emily Morgan
                                                 Painkillers and Rest
                                      Migraine
                Dr. Emily Morgan
                                                 Physical Therapy
   2025-04-17
                                      Sciatica
165
             (3, 'dr_morgan@gmail.com');
166
         SELECT doctor, COUNT(appt) AS appointment count FROM Diagnose GROUP BY doctor;
167 •
         SELECT doctor, COUNT(DISTINCT appt) AS patient_count FROM Diagnose GROUP BY doctor;
168
         -- Count number of appointments per doctor
                                          Export: Wrap Cell Content: IA
doctor
                      appointment_count
   dr_athalye@gmail.com
   dr_morgan@gmail.com
```



```
-- Average appointment uniacion (in minutes)
L/J
        SELECT AVG(TIMESTAMPDIFF(MINUTE, starttime, endtime)) AS avg duration
180
        FROM Appointment;
181
182
        -- All appointments for a specific patient
183
        SELECT p.name, a.date, a.starttime, a.endtime
184 •
                                         Export: Wrap Cell Content: TA
Result Grid
             Filter Rows:
   avg_duration
  60.0000
          -- WIT PCHEGOTER LOL 9 PRECIUTE GOCTOL
 TAR
          SELECT d.name, s.day, s.starttime, s.endtime
 191 •
 192
          FROM Doctor d
          JOIN DocsHaveSchedules dhs ON d.email = dhs.doctor
 193
          JOIN Schedule s ON dhs.sched = s.id
 194
          WHERE d.email = 'dr morgan@gmail.com';
 195
 196
                                           Export: Wrap Cell Content: TA
 Result Grid
              Filter Rows:
                                        endtime
    name
                   day
                               starttime
   Dr. Emily Morgan
                   Wednesday
                                       17:00:00
                              09:00:00
         -- Patients and their diagnosed conditions
19/
         SELECT p.name, diag.diagnosis
198 •
         FROM Patient p
199
         JOIN PatientsAttendAppointments paa ON p.email = paa.patient
200
         JOIN Diagnose diag ON paa.appt = diag.appt;
201
202
                                          Export: Wrap Cell Content: TA
name
             diagnosis
   John Doe
             Cold
   Jane Smith
             Migraine
  Mike Jones
             Sciatica
```

```
211
         -- Doctor diagnosis summary
212
         SELECT a.date, d.name AS doctor_name, diag.diagnosis, diag.prescription
213
         FROM Appointment a
214
         JOIN Diagnose diag ON a.id = diag.appt
215
         JOIN Doctor d ON diag.doctor = d.email;
216
                                              Export: Wrap Cell Content: TA
tesult Grid
              Filter Rows:
  date
               doctor_name
                                   diagnosis
                                             prescription
  2025-04-15
              Dr. Hrishikesh Athalye
                                             Rest and Drink Fluids
                                   Cold
  2025-04-16
              Dr. Emily Morgan
                                            Painkillers and Rest
                                  Migraine
                                             Physical Therapy
  2025-04-17
              Dr. Emily Morgan
                                   Sciatica
```



```
-- Lacrenca arabiloaca Marii Cora
225 •
        SELECT p.name
226
        FROM Patient p
        JOIN PatientsAttendAppointments paa ON p.email = paa.patient
227
        JOIN Diagnose diag ON paa.appt = diag.appt
228
        WHERE diag.diagnosis = 'Cold';
229
230
231
        -- Doctor schedules for Friday
                                       Export: Wrap Cell Content: IA
Result Grid
            Filter Rows:
  name
  John Doe
        -- Gender-wise patient count
238
239 •
        SELECT gender, COUNT(*) AS total
         FROM Patient
240
         GROUP BY gender;
241
242
         -- Doctors who have never diagnosed anyone
243
                                        Export: Wrap Cell C
gender
          total
   female
          2
   male
          2
```

```
242
       -- Doctors who have never diagnosed anyone
243
        SELECT name
244 •
       FROM Doctor
245

→ WHERE email NOT IN (
246
            SELECT DISTINCT doctor FROM Diagnose
247
248
        );
249
                                        Export: Wrap Cell Content:
name
  Dr. Ram Sharma
           TIRE OIL GIGGIORES MONE ON LOSS OF IN
257 •
       SELECT d.name AS doctor, diag.diagnosis, a.date
        FROM Diagnose diag
258
        JOIN Doctor d ON diag.doctor = d.email
259
        JOIN Appointment a ON diag.appt = a.id
260
        WHERE a.date = '2025-04-15';
261
                                        Export: Wrap Cell Content: IA
Result Grid
            Filter Rows:
   doctor
                    diagnosis
                             date
  Dr. Hrishikesh Athalye
                             2025-04-15
                    Cold
```