





```

167
168 -- Count the number of appointments each doctor has
169 • SELECT doctor, COUNT(appt) AS appointment_count
170 FROM Diagnose
171 GROUP BY doctor;
172
173 -- Find the number of patients each doctor has treated
174 • SELECT doctor, COUNT(DISTINCT appt) AS patient_count

```





Result Grid   Filter Rows: | Export:  | Wrap Cell Content: 

	doctor	appointment_count
▶	dr_athalye@gmail.com	1
	dr_morgan@gmail.com	2

```

'3 -- Find the number of patients each doctor has treated
'4 • SELECT doctor, COUNT(DISTINCT appt) AS patient_count
'5 FROM Diagnose
'6 GROUP BY doctor;
'7

```

Result Grid			Filter Rows: <input type="text"/>	Export: 	Wrap Cell Content: 
doctor	patient_count				
dr_athalye@gmail.com	1				
dr_morgan@gmail.com	2				

```

8 -- Find the average length of appointments
9 • SELECT AVG(TIMESTAMPDIFF(MINUTE, starttime, endtime)) AS avg_appointment_duration
0 FROM Appointment;
1
2
3

```

Result Grid





Filter Rows:

Export:



Wrap Cell Content:






	avg_appointment_duration
	60.0000

```

191      -- Join the Doctor and Schedule tables to get all schedules for a doctor
192 •   SELECT d.name AS doctor_name, s.day, s.starttime, s.endtime
193      FROM Doctor d
194      JOIN DocsHaveSchedules dhs ON d.email = dhs.doctor
195      JOIN Schedule s ON dhs.sched = s.id
196      WHERE d.email = 'dr_athalye@gmail.com';
197
198

```

Result Grid |   Filter Rows: | Export:  | Wrap Cell Content: 

	doctor_name	day	starttime	endtime
▶	Dr. Hrishikesh Athalye	Monday	09:00:00	17:00:00

```

208
209 •   SELECT a.date, d.name AS doctor_name, diag.diagnosis, diag.prescription
210      FROM Appointment a
211      JOIN Diagnose diag ON a.id = diag.appt
212      JOIN Doctor d ON diag.doctor = d.email;

```


Result Grid |   Filter Rows: | Export:  | Wrap Cell Content: 

	date	doctor_name	diagnosis	prescription
▶	2025-04-15	Dr. Hrishikesh Athalye	Cold	Rest and Drink Fluids
	2025-04-16	Dr. Emily Morgan	Migraine	Painkillers and Rest
	2025-04-17	Dr. Emily Morgan	Sciatica	Physical Therapy

```

165      (3, 'dr_morgan@gmail.com');
166
167 •   SELECT doctor, COUNT(appt) AS appointment_count FROM Diagnose GROUP BY doctor;
168 •   SELECT doctor, COUNT(DISTINCT appt) AS patient_count FROM Diagnose GROUP BY doctor;
169      -- Count number of appointments per doctor


```

Result Grid |   Filter Rows: | Export:  | Wrap Cell Content: 

	doctor	appointment_count
▶	dr_athalye@gmail.com	1
	dr_morgan@gmail.com	2

166

```
167 • SELECT doctor, COUNT(appt) AS appointment_count FROM Diagnose GROUP BY doctor;
168 • SELECT doctor, COUNT(DISTINCT appt) AS patient_count FROM Diagnose GROUP BY doctor;
169 -- Count number of appointments per doctor
```

Result Grid |   Filter Rows: | Export:  | Wrap Cell Content: 

	doctor	patient_count
▶	dr_athalye@gmail.com	1
	dr_morgan@gmail.com	2

```
170 • SELECT doctor, COUNT(appt) AS appointment_count
171 FROM Diagnose
172 GROUP BY doctor;
```

Result Grid |   Filter Rows: | Export:  | Wrap Cell Content: 

	doctor	appointment_count
▶	dr_athalye@gmail.com	1
	dr_morgan@gmail.com	2

```
174 -- Number of patients treated by each doctor
175 • SELECT doctor, COUNT(DISTINCT appt) AS patient_count
176 FROM Diagnose
177 GROUP BY doctor;
178
```

Result Grid |   Filter Rows: | Export:  | Wrap Cell Content: 

	doctor	appointment_count
▶	dr_athalye@gmail.com	1
	dr_morgan@gmail.com	2

```

179      -- Average appointment duration (in minutes)
180 •    SELECT AVG(TIMESTAMPDIFF(MINUTE, starttime, endtime)) AS avg_duration
181      FROM Appointment;
182
183      -- All appointments for a specific patient
184 •    SELECT p.name, a.date, a.starttime, a.endtime

```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	avg_duration			
	60.0000			

```

190      -- All schedules for a specific doctor
191 •    SELECT d.name, s.day, s.starttime, s.endtime
192      FROM Doctor d
193      JOIN DocsHaveSchedules dhs ON d.email = dhs.doctor
194      JOIN Schedule s ON dhs.sched = s.id
195      WHERE d.email = 'dr_morgan@gmail.com';
196

```

Result Grid					Filter Rows:	Export:	Wrap Cell Content:
	name	day	starttime	endtime			
▶	Dr. Emily Morgan	Wednesday	09:00:00	17:00:00			

```

197      -- Patients and their diagnosed conditions
198 •    SELECT p.name, diag.diagnosis
199      FROM Patient p
200      JOIN PatientsAttendAppointments paa ON p.email = paa.patient
201      JOIN Diagnose diag ON paa.appt = diag.appt;
202

```

Result Grid			Filter Rows:	Export:	Wrap Cell Content:
	name	diagnosis			
▶	John Doe	Cold			
	Jane Smith	Migraine			
	Mike Jones	Sciatica			


```

211
212 -- Doctor diagnosis summary
213 • SELECT a.date, d.name AS doctor_name, diag.diagnosis, diag.prescription
214 FROM Appointment a
215 JOIN Diagnose diag ON a.id = diag.appt
216 JOIN Doctor d ON diag.doctor = d.email;

```

Result Grid |  Filter Rows: | Export:  | Wrap Cell Content: 

date	doctor_name	diagnosis	prescription
2025-04-15	Dr. Hrishikesh Athalye	Cold	Rest and Drink Fluids
2025-04-16	Dr. Emily Morgan	Migraine	Painkillers and Rest
2025-04-17	Dr. Emily Morgan	Sciatica	Physical Therapy

```

218 -- Doctors who viewed history ID 1
219 • SELECT d.name
220 FROM Doctor d
221 JOIN DoctorViewsHistory dvh ON d.email = dvh.doctor
222 WHERE dvh.history = 1;
223
224 -- Patients diagnosed with 'Cold'
225 • SELECT p.name

```

Result Grid |  Filter Rows: | Export:  | Wrap Cell Content: 

name
▶ Dr. Hrishikesh Athalye

```

224 -- Patients diagnosed with Cold
225 • SELECT p.name
226 FROM Patient p
227 JOIN PatientsAttendAppointments paa ON p.email = paa.patient
228 JOIN Diagnose diag ON paa.appt = diag.appt
229 WHERE diag.diagnosis = 'Cold';
230
231 -- Doctor schedules for Friday

```

Result Grid   Filter Rows: Export:  Wrap Cell Content: 

	name
▶	John Doe

```

238 -- Gender-wise patient count
239 • SELECT gender, COUNT(*) AS total
240 FROM Patient
241 GROUP BY gender;
242
243 -- Doctors who have never diagnosed anyone

```




Result Grid   Filter Rows: Export:  Wrap Cell C

	gender	total
▶	female	2
	male	2

```

242
243 -- Doctors who have never diagnosed anyone
244 • SELECT name
245 FROM Doctor
246 WHERE email NOT IN (
247     SELECT DISTINCT doctor FROM Diagnose
248 );
249

```



Result Grid   Filter Rows: Export:  Wrap Cell Content:

name
Dr. Ram Sharma

```

250 -- All diagnoses made on 2025-04-15
251 • SELECT d.name AS doctor, diag.diagnosis, a.date
252 FROM Diagnose diag
253 JOIN Doctor d ON diag.doctor = d.email
254 JOIN Appointment a ON diag.appt = a.id
255 WHERE a.date = '2025-04-15';

```

Result Grid   Filter Rows: Export:  Wrap Cell Content: 

doctor	diagnosis	date
Dr. Hrishikesh Athalye	Cold	2025-04-15