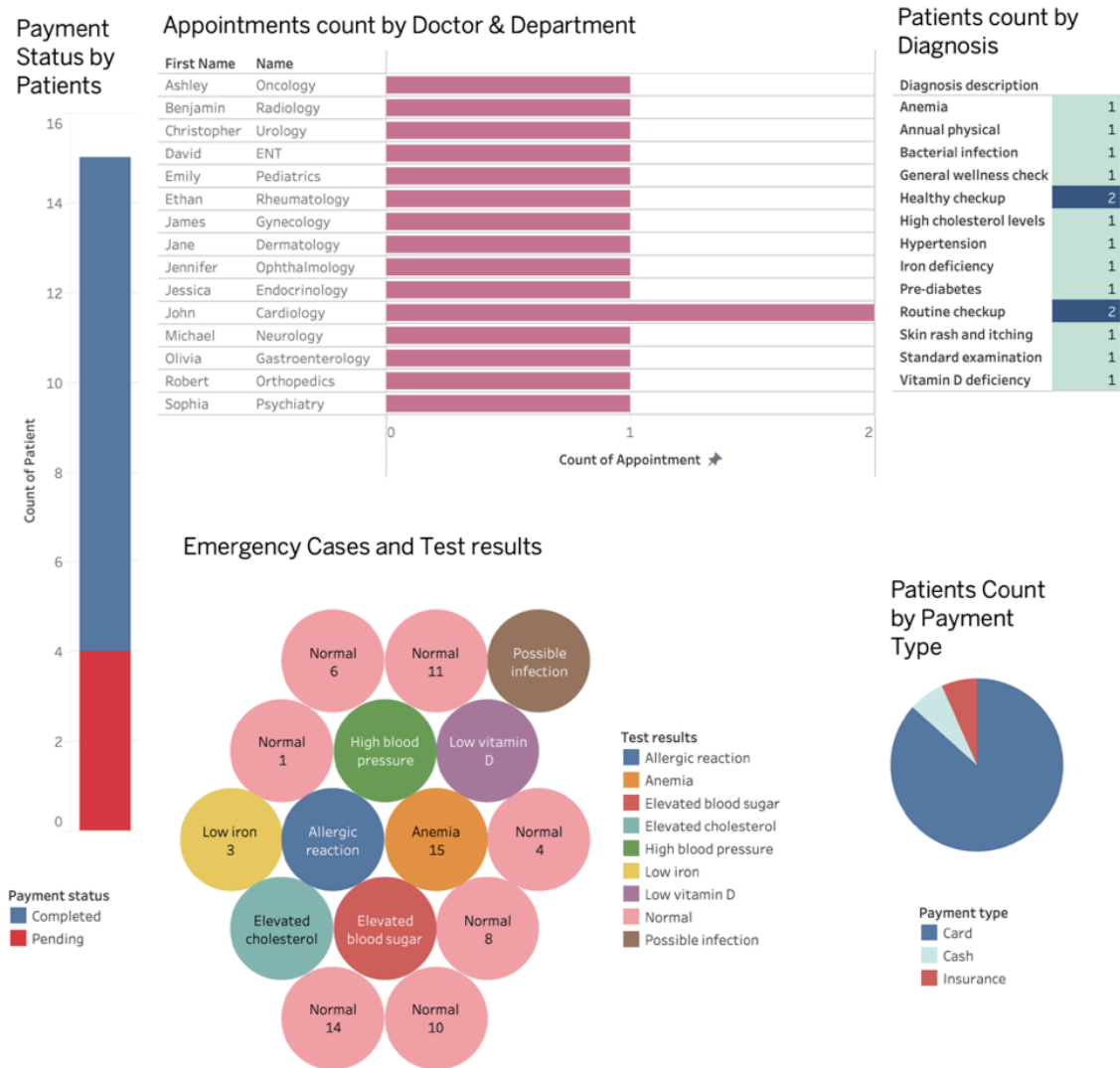


# Hospital Management Dashboard

## Dashboard Insights:

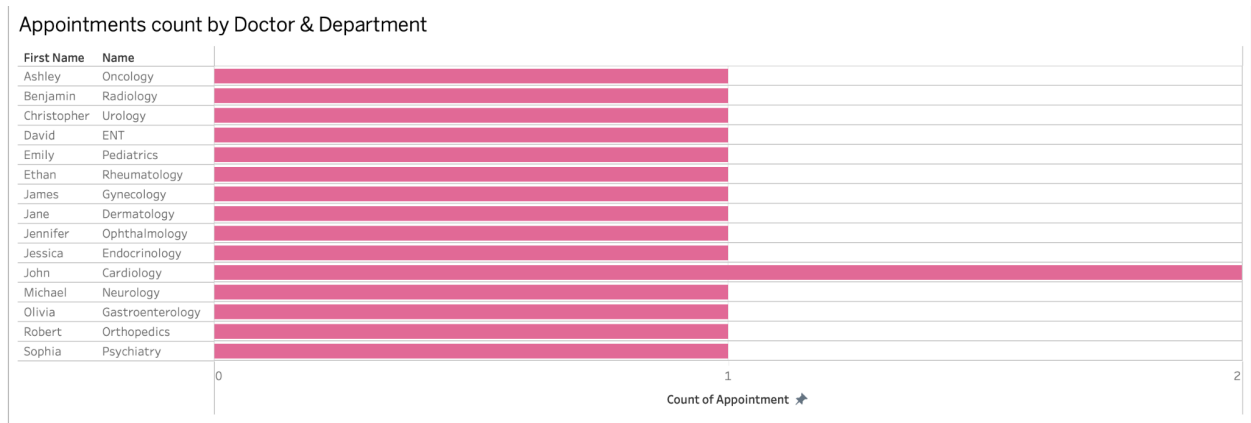
This Tableau dashboard presents a detailed view of hospital operations using data from the SQL Server database. It covers key areas like appointments, emergency cases, diagnoses, payments, and department activity. The visualizations are interactive and connected through relationships, making it easy to explore and analyze different aspects of the hospital system.



Sheet 1: Appointments Count by Doctor & Department

Chart Type: Horizontal Bar Chart

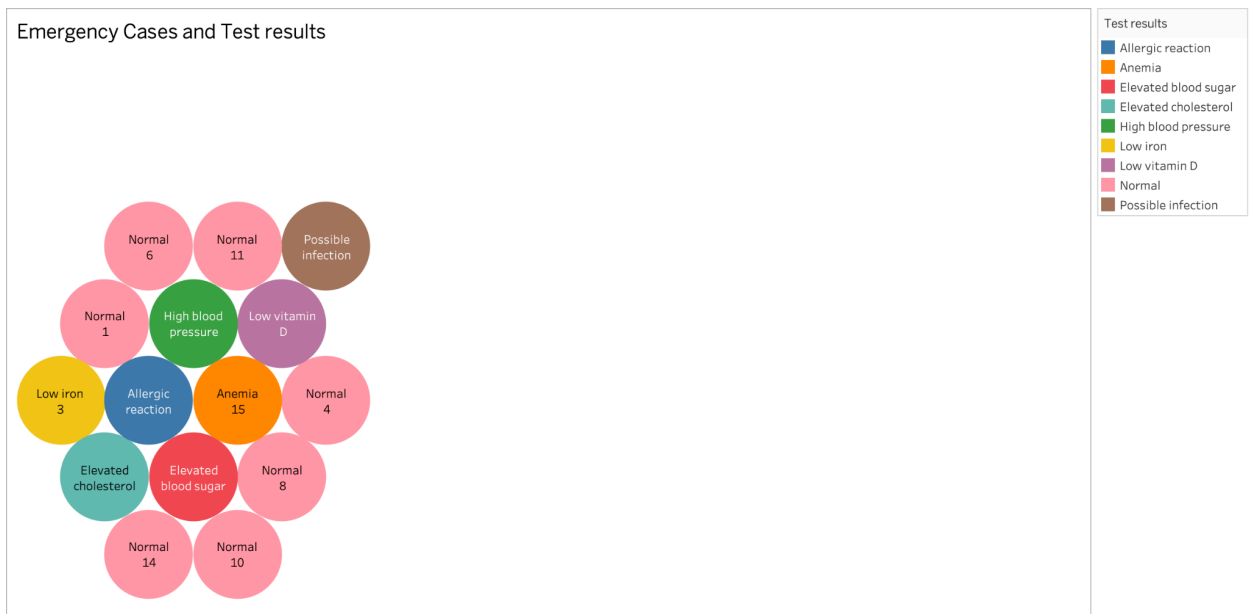
This sheet shows how many appointments each doctor handled, along with their respective department. It's helpful to identify which departments and doctors are the busiest. Using filters, we can view specific departments or focus on appointments by individual doctors.



Sheet 2: Emergency Cases and Test Results

Chart Type: Packed Bubble Chart

This chart highlights test results across emergency cases. Each bubble represents a test outcome, and its size shows how often that result occurred. We can filter this sheet by test result or doctor to focus on specific emergency trends.



Sheet 3: Patient Count by Payment Type

Chart Type: Pie Chart

This pie chart displays how patients are paying whether by card, cash, or insurance. It gives a quick view of the preferred payment methods. With filters, we can isolate only one type of payment, like viewing counts for just card payments.

Patients Count by Payment Type



Payment type

Card

Cash

Insurance

CNT(Patient)

15

Sheet 4: Patients Count by Diagnosis

Chart Type: Text Table

This sheet lists the diagnoses and how many patients were recorded with each one. It's useful to see what medical conditions are most common in the hospital. We can also apply filters to check diagnoses handled by a certain department or related to specific patients.

Patients count by Diagnosis

| Diagnosis description   |   |
|-------------------------|---|
| Anemia                  | 1 |
| Annual physical         | 1 |
| Bacterial infection     | 1 |
| General wellness check  | 1 |
| Healthy checkup         | 2 |
| High cholesterol levels | 1 |
| Hypertension            | 1 |
| Iron deficiency         | 1 |
| Pre-diabetes            | 1 |
| Routine checkup         | 2 |
| Skin rash and itching   | 1 |
| Standard examination    | 1 |
| Vitamin D deficiency    | 1 |

Sheet 5: Payment Status by Patients Count

Chart Type: Stacked Bar Chart

This visualization shows how many patients had their payments marked as completed or pending. It's helpful for tracking billing progress. Using filters, we can view payment status for a specific set of patients.

