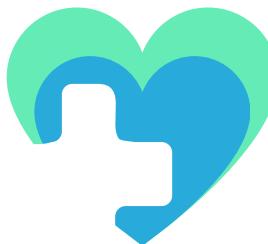




OPEN
24
HOURS

AURA MEDICAL CARE HOSPITAL





Team members

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Introduction

This project presents a fully integrated Hospital Management System designed to automate and streamline daily hospital operations.

Services Covered

- Clinic system
- Pharmacy system
- Laboratory & radiology system
- Surgeries & room system
- HR system





Project objective

our project aims to :



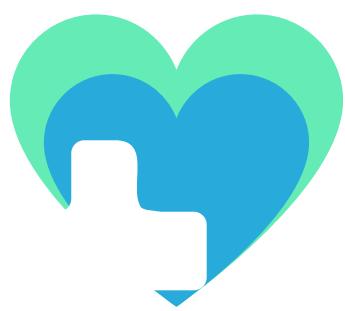
Automate the full patient journey



Reducing Human Errors
Through System Rules



Performance tracking
which helps drive key
insights for better
decision making

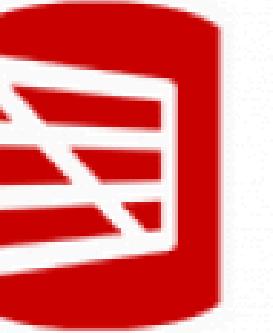


Tools



Microsoft®

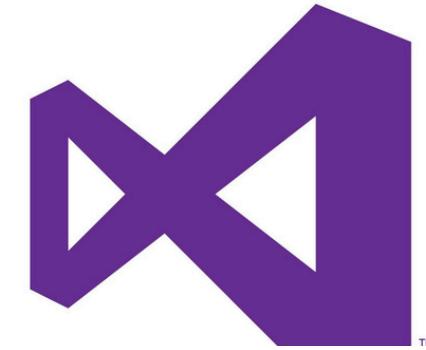
SSMS



Redgate



Power Bi



Visual studio



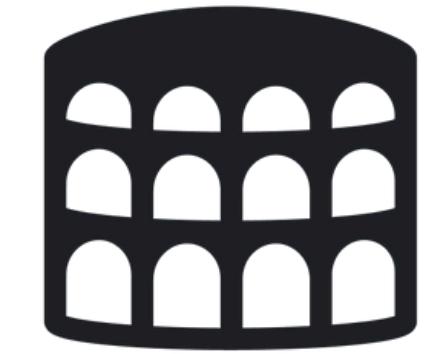
Chat gpt



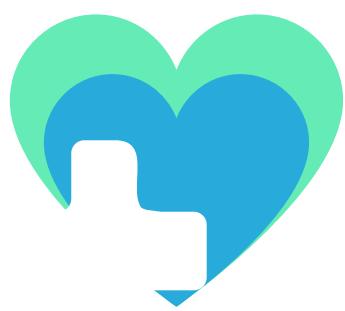
Canva



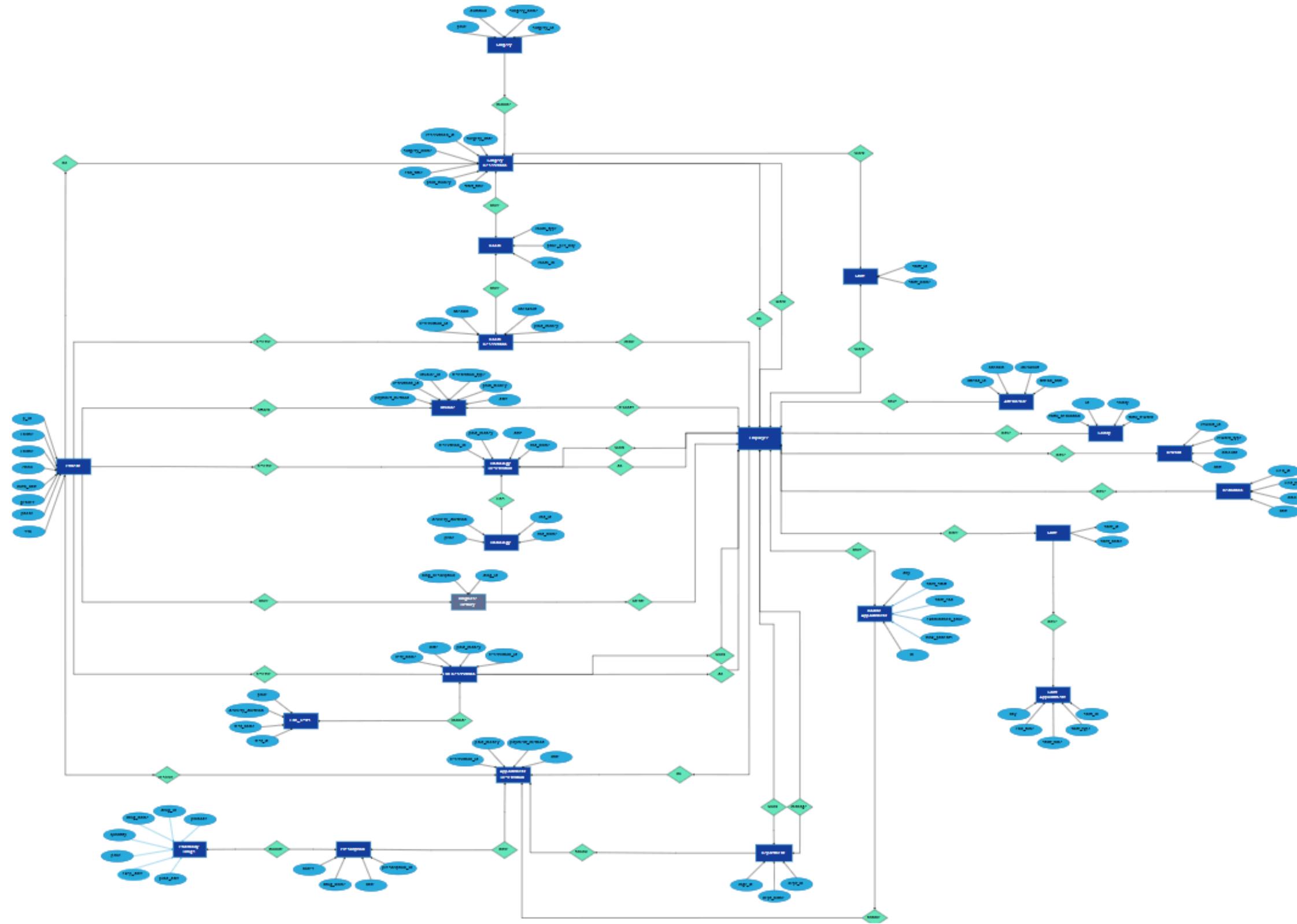
Draw io

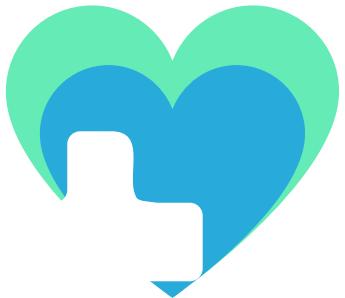


LM Arena

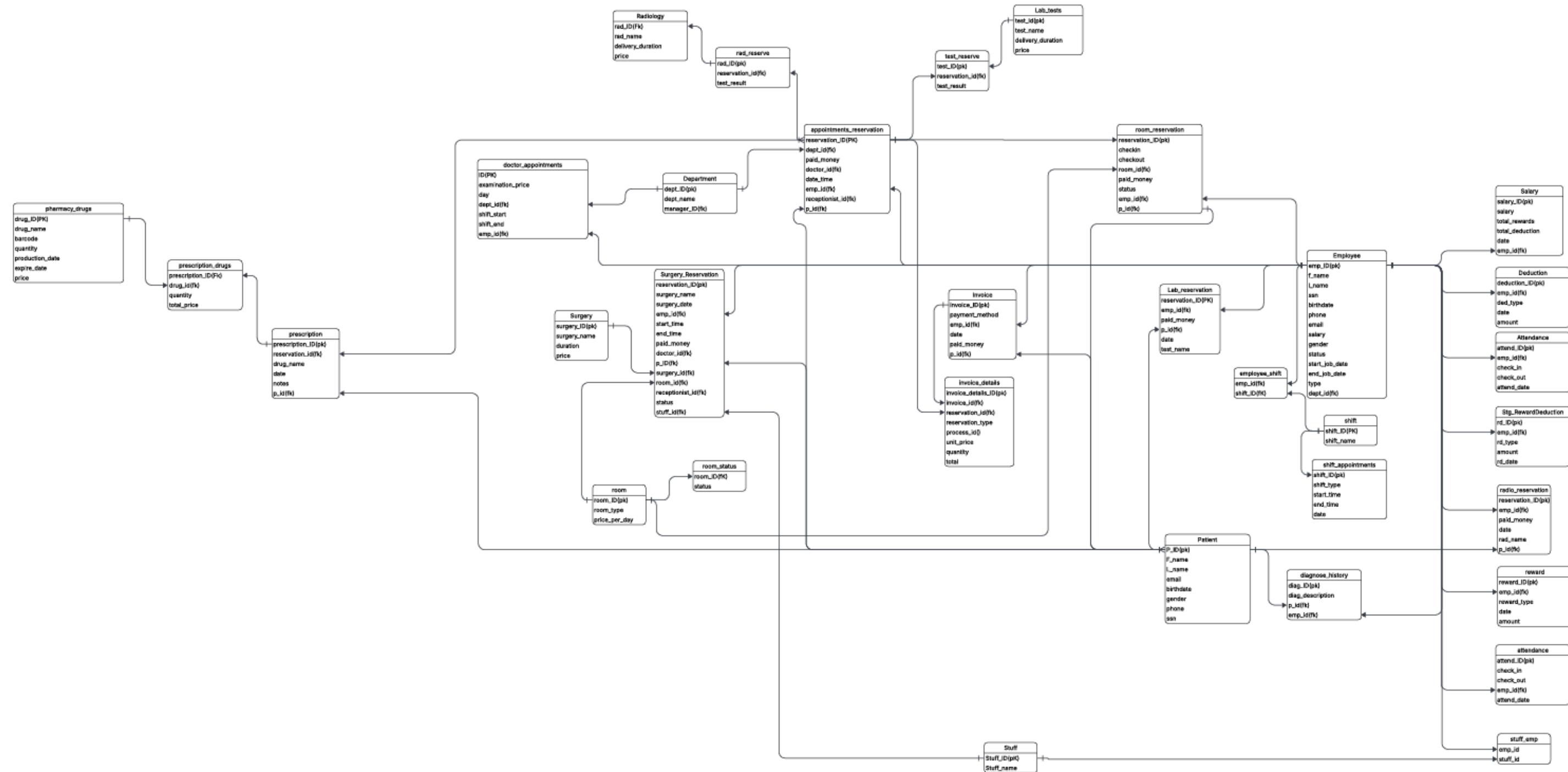


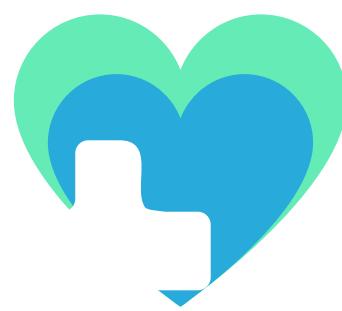
ERD





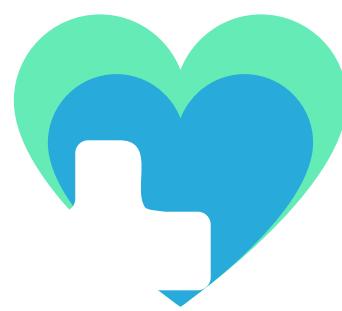
Mapping





Generated data

Category	Details
Appointment Reservations	91610 Total Reservations Done in the Clinic
Deduction	1737 Deduction That Employees Toke
Department	17 Department in Our Hospital
Doctor Appointments	126 Row That Handles Doctor Appointments
Drug Purchases	229145 Drugs Purchase Process
Employee	99 Employee Works in Our Hospital
Expenses	240 Row Describes Our Expenses Among Two Years
Expenses Type	10 Kind of Expenses We Afford Every Month
Invoice	288970 Invoice We Made in Entire Services
Invoice Details	526995 Invoice with More Details
Lab Reservation	38585 Lab Reservations Process Done
Lab Tests	110 Lab Test We Have
Test Reserve	96674 All Lab Reservations Results



Category	Details
Patient	15000 Patient Provided Them Services Among Two Years
Pharmacy Drugs	1141 Kind of Drugs Available in The Pharmacy
Prescription	91610 Prescription Done from Clinics
Prescription Drugs	229145 Drug Sold from the Prescriptions
Radio Reservation	16778 Radio Reservations Process Done
Rad Reserve	37809 All Radio Reservations Results
Reward	3613 Reward That Employees Took
Room	40 Room Available from Different Types
Room Reservation	61072 Rooms Reservation Process Done
Salary	2352 Row That Describes Salary with Rewards and Deductions
Surgery	130 Kind of Surgeries We Operate in Our Hospital
Surgery Reservation	11013 Operation we have Done Among Two Years
Stuff	6 Stuffs Help Doctors in Surgeries



Clinic System

System automates the full patient visit starting from booking an appointment until receiving the medical prescription. The system manages daily clinic schedules, doctors' shifts, patient authorization, and prescription generation through a fully structured workflow.





Pharmacy System

- The Pharmacy System manages the full dispensing process starting from validating the prescription until completing the sale
- The system ensures that prescriptions are valid, checks drug availability, creates the invoice automatically, deducts sold quantities from stock, and sends alerts for low-stock items or near-expiry medicines.
- The system generates purchase requests when quantities run low and verifies received orders before updating inventory.





Lab & Radiology system

The Laboratory & Radiology System manages test requests created by doctors and tracks their processing cycle until the final diagnostic report is delivered.

The system validates patient authorization, ensures that requested tests are available, schedules radiology appointments and records the results digitally.

Once results are approved, the system releases them back to doctors for medical decision-making and generates billing automatically.





Room & Surgery system

The system manages the full workflow of scheduling surgical operations and assigning rooms.

It ensures:

- Surgery room availability and time validation.
- Staff readiness based on shifts and schedules
- Avoidance of scheduling conflicts between surgeries
- Automatic room assignment for post-surgery stays (ICU / Normal / VIP)
- Room status updates (Available, Reserved)





HR System

The System automates the entire employee lifecycle, including:

- attendance tracking
- Rewards & Deductions
- shift management
- monthly payroll calculations.





Clinic System SP

Test

```
1  CREATE OR ALTER PROCEDURE sp_add_doctor_reservation
2      @p_id INT,
3      @dept_id INT,
4      @payment_method NVARCHAR(50),
5      @msg NVARCHAR(200) OUTPUT
6  AS
7  BEGIN
8      SET NOCOUNT ON;
9
10     DECLARE @today NVARCHAR(20) = DATENAME(WEEKDAY, GETDATE());
11     DECLARE @doctor_id INT;
12     DECLARE @receptionist_id INT;
13     DECLARE @doctor_price DECIMAL(10,2);
14     DECLARE @current_reservations INT;
15     DECLARE @new_reservation_id INT;
16     DECLARE @new_invoice_id INT;
17     declare @paid_total decimal (10,2);
18
19
20     -- / 1. Get the available doctor based on current day and shift time
21     SELECT TOP 1
22         @doctor_id = emp_id,
23         @doctor_price = examination_price
24     FROM Doctor_appointments
25     WHERE [day] = @today
26         AND CAST(GETDATE() AS TIME) BETWEEN shift_start AND shift_end;
27
28     IF @doctor_id IS NULL
29     BEGIN
30         SET @msg = N'✗ No doctor available now.';
31         RETURN;
32     END;
33
34     -- / Validate if the department exists
35     IF not EXISTS (
36         SELECT 1
37         FROM Doctor_appointments
38         WHERE dept_id = @dept_id
39     )
40     BEGIN
41         SET @msg = N'✗ This department does not exist.';
42         RETURN;
43     END;
```

```
DECLARE @msg NVARCHAR(200);
EXEC sp_add_doctor_reservation
    @p_id = 1000,
    @dept_id = 2,
    @payment_method = N'visa',
    @msg = @msg OUTPUT;
SELECT @msg AS ResultMessage;
```

Result Message

✓ Reservation completed successfully. Assigned Doctor ID = 5


```
DECLARE @msg NVARCHAR(200);
EXEC sp_add_doctor_reservation
    @p_id = 500,
    @dept_id = 4,
    @payment_method = N'visa',
    @msg = @msg OUTPUT;
SELECT @msg AS ResultMessage;
```

Result Message

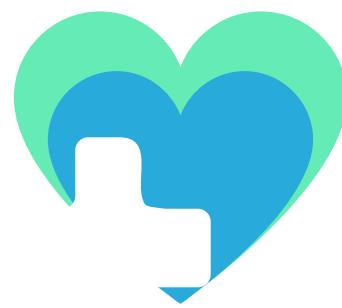
✗ Maximum daily reservations reached for this doctor.

```
1DECLARE @msg NVARCHAR(200);
1EXEC sp_add_doctor_reservation
@p_id = 1000,
@dept_id = 1,
@payment_method = N'visa',
@msg = @msg OUTPUT;
SELECT @msg AS ResultMessage;
```

```
Results Messages
Result Message
✗ No doctors available now for this department.
```

```
2    DECLARE @msg NVARCHAR(200);
3    EXEC sp_add_doctor_reservation
@p_id = 1,
@dept_id = 20,
@payment_method = N'visa',
@msg = @msg OUTPUT;
8    SELECT @msg AS ResultMessage;
```

```
No issues found
Results Messages
Result Message
✗ This department does not exist.
```



Pharmacy System SP

Test

```
DECLARE @Temp TABLE (
    drug_id INT,
    drug_name NVARCHAR(200),
    req_qty INT,
    orig_qty INT,
    sold_qty INT,
    price MONEY,
    total_price MONEY
);

INSERT INTO @Temp (drug_name, req_qty)
SELECT drug_name, req_qty FROM @Drugs;

UPDATE T
SET
    T.drug_id = P.drug_id,
    T.price = P.price,
    T.orig_qty = P.quantity
FROM @Temp T
LEFT JOIN Pharmacy_drugs P
    ON LOWER(LTRIM(RTRIM(T.drug_name))) = LOWER(LTRIM(RTRIM(P.drug_name)));

IF EXISTS (SELECT 1 FROM @Temp WHERE drug_id IS NULL)
BEGIN
    SET @Message = N'One or more drugs do not exist in prescription.';
    ROLLBACK TRAN;
    RETURN;
END;

-- Calculate sold quantity based on stock availability

UPDATE T
SET
    T.sold_qty = CASE
        WHEN orig_qty >= req_qty THEN req_qty
        WHEN orig_qty > 0 THEN orig_qty
        ELSE 0 END,
    T.total_price = price *
        CASE
            WHEN orig_qty >= req_qty THEN req_qty
            WHEN orig_qty > 0 THEN orig_qty
            ELSE 0 END
FROM @Temp T;

-- Insert sold drugs into Prescription_drugs

INSERT INTO Prescription_drugs (Prescription_id, drug_id, quantity, total_price)
SELECT @PrescriptionID, drug_id, sold_qty, total_price
FROM @Temp
WHERE sold_qty > 0;
```

```
DECLARE @Msg NVARCHAR(2000);
DECLARE @Drugs AS PrescriptionDrugInput;

INSERT INTO @Drugs (drug_name, req_qty)
VALUES
    ('Doxycycline 100mg capsule',2)

EXEC sp_ProcessPrescriptionSale
    @PrescriptionID = 5,
    @payment_method = 'visa',
    @Drugs = @Drugs,
    @Message = @Msg OUTPUT,
    @emp_id=60
SELECT @Msg AS ResultMessage;
```

Results Messages
ResultMessage
One or more entered drugs are not listed in the doctor's prescription.

```
DECLARE @Msg NVARCHAR(2000);
DECLARE @Drugs AS PrescriptionDrugInput;

INSERT INTO @Drugs (drug_name, req_qty)
VALUES
    ('Doxycycline 100mg capsule',2)

EXEC sp_ProcessPrescriptionSale
    @PrescriptionID = 100000,
    @payment_method = 'visa',
    @Drugs = @Drugs,
    @Message = @Msg OUTPUT,
    @emp_id=60
SELECT @Msg AS ResultMessage;
```

100 % Results Messages
ResultMessage
1 Prescription not found.

```
DECLARE @Msg NVARCHAR(2000);
DECLARE @Drugs AS PrescriptionDrugInput;

INSERT INTO @Drugs (drug_name, req_qty)
VALUES
    ('Clarithromycin 500mg tablet',2)

EXEC sp_ProcessPrescriptionSale
    @PrescriptionID = 91614,
    @payment_method = 'visa',
    @Drugs = @Drugs,
    @Message = @Msg OUTPUT,
    @emp_id=60
SELECT @Msg AS ResultMessage;
```

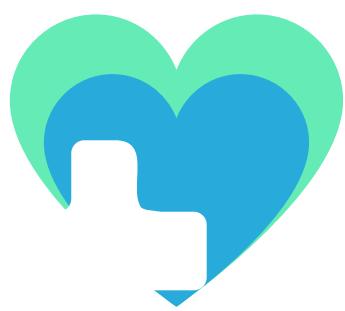
Results Messages
ResultMessage
This prescription has already been processed. Duplicate drug sale is not allowed.

```
DECLARE @Msg NVARCHAR(2000);
DECLARE @Drugs AS PrescriptionDrugInput;

INSERT INTO @Drugs (drug_name, req_qty)
VALUES
    ('Doxycycline 100mg capsule',3) , ('Amlodipine 10mg tablet',3)

EXEC sp_ProcessPrescriptionSale
    @PrescriptionID = 91655,
    @payment_method = 'visa',
    @Drugs = @Drugs,
    @Message = @Msg OUTPUT,
    @emp_id=60
SELECT @Msg AS ResultMessage;
```

100 % Results Messages
ResultMessage
1 Sale completed successfully. Total Invoice Amount: 485.10 Remaining Stock: • Doxycycline 100mg capsule: 150 • Amlodipine 10mg tablet: 50



Lab SP

Test

```
-- 1) Validate all tests exist
-----  
IF EXISTS (
    SELECT t.test_name
    FROM @Tests t
    LEFT JOIN Lab_tests lt ON lt.test_name = t.test_name
    WHERE lt.test_name IS NULL
)
BEGIN
    SET @msg = N'One or more tests do not exist.';
    RETURN;
END;  
  
-- 2) Calculate total price automatically
-----  
SELECT @total_price = SUM(lt.price)
FROM @Tests t
JOIN Lab_tests lt ON t.test_name = lt.test_name;  
  
-- 3) Auto-calc money if NULL
-----  
IF @paid_money IS NULL
    SET @paid_money = @total_price;  
  
-- 4) Validate provided paid money
-----  
IF @paid_money <> @total_price
BEGIN
    SET @msg = N'Incorrect paid amount. Total required = ' + CAST(@total_price AS NVARCHAR(20));
    RETURN;
END;  
  
-- 5) Choose available Lab Doctor
-----  
SELECT TOP 1 @lab_doctorID = E.emp_id
FROM Employee E
JOIN Doctor_appointments DA ON E.dept_id = 13 AND DA.[day] = @Today;  
  
-- 6) Choose receptionist in shift
-----  
SELECT TOP 1 @Receptionist_ID = e.emp_id
FROM Employee e
JOIN Emp_shift es ON e.emp_id = es.emp_id
JOIN Shift_appointment sa ON es.shift_id = sa.shift_id
WHERE e.type = 'Receptionist'
```

```
GO
DECLARE @msg NVARCHAR(100);
DECLARE @Tests TestListType;

INSERT INTO @Tests (test_name)
VALUES ('ABG')

EXEC sp_AddLabReservation
    @p_id = 18,
    @Tests = @Tests,
    @payment_method='visa',
    @msg = @msg OUTPUT;
SELECT @msg AS ResultMessage;
```

Results Messages

ResultMessage
Lab reservation added successfully. Reservation ID = 38602

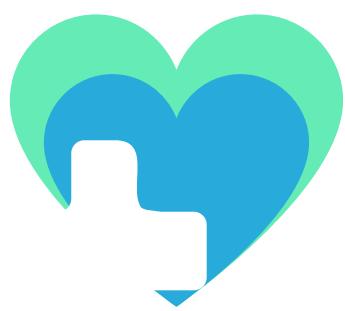
```
GO
DECLARE @msg NVARCHAR(100);
DECLARE @Tests TestListType;

INSERT INTO @Tests (test_name)
VALUES ('Beta h'), ('ABG')

EXEC sp_AddLabReservation
    @p_id = 18,
    @Tests = @Tests,
    @payment_method='visa',
    @msg = @msg OUTPUT;
SELECT @msg AS ResultMessage;
```

Results Messages

ResultMessage
1 One or more tests do not exist.



Radiology SP

Test

```
IF NOT EXISTS (SELECT 1 FROM Patient WHERE p_id = @p_id)
BEGIN
    SET @msg = N'Invalid patient ID.';
    RETURN;
END;

-- Select Radiology Doctor on Duty
SELECT TOP 1 @radio_doctorID = E.emp_id
FROM Employee E
JOIN Doctor_appointments DA ON E.dept_id = 14 AND DA.[day] = @Today;

IF @radio_doctorID IS NULL
BEGIN
    SET @msg = N'No radiology doctor available today.';
    RETURN;
END;

-- Select Receptionist in current shift
SELECT TOP 1 @Receptionist_ID = e.emp_id
FROM Employee e
JOIN Emp_shift es ON e.emp_id = es.emp_id
JOIN Shift_appointment sa ON es.shift_id = sa.shift_id
WHERE e.type = 'Receptionist'
AND (
    (sa.start_time < sa.end_time AND CAST(GETDATE() AS TIME) BETWEEN sa.start_time AND sa.end_time)
    OR
    (sa.start_time > sa.end_time AND (CAST(GETDATE() AS TIME) >= sa.start_time OR CAST(GETDATE() AS TIME) <= sa.end_time))
);

IF @Receptionist_ID IS NULL
BEGIN
    SET @msg = N'No receptionist available in the current shift.';
    RETURN;
END;

-- Validate radiology names exist
IF EXISTS (
    SELECT r.rad_name
    FROM @Rads r
    LEFT JOIN Radiology ra ON ra.rad_name = r.rad_name
    WHERE ra.rad_name IS NULL
)
BEGIN
    SET @msg = N'One or more radiology names are invalid.';
    RETURN;
END;
```

```
DECLARE @Rads RadioListType;
INSERT INTO @Rads (rad_name)
VALUES ('CAT Sca'), ('MRI'), ('Chest X-ray');

DECLARE @msg NVARCHAR(500);

EXEC sp_AddRadioReservation_Multi
    @p_id = 100,
    @payment_method = 'Cash',
    @Rads = @Rads,
    @msg = @msg OUTPUT;
SELECT @msg AS ResultMessage;
```

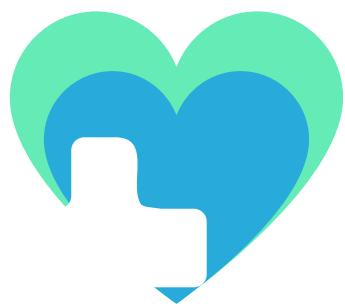
ResultMessage
1 One or more radiology names are invalid.


```
DECLARE @Rads RadioListType;
INSERT INTO @Rads (rad_name)
VALUES ('CAT Scan'), ('MRI'), ('Chest X-ray');

DECLARE @msg NVARCHAR(500);

EXEC sp_AddRadioReservation_Multi
    @p_id = 100,
    @payment_method = 'Cash',
    @Rads = @Rads,
    @msg = @msg OUTPUT;
SELECT @msg AS ResultMessage;
```

ResultMessage
1 Radiology reservation completed. Total = 8000.00 | Reservation ID = 16781 | Invoice = 289053



Room system SP

Test

```
-- Validate Patient
IF NOT EXISTS (SELECT 1 FROM Patient WHERE p_id = @p_id)
BEGIN
    SET @Message = N'X Invalid patient ID.';
    RETURN;
END;

-- ! Prevent patient from reserving another room without checkout
IF EXISTS (
    SELECT 1
    FROM Room_reservation
    WHERE p_id = @p_id
        AND checkout IS NULL
)
BEGIN
    SET @Message = N'This Patient Is Reserved In Another Room Cant Reserve new Room';
    RETURN;
END;

-- Find the first available room of the requested type
SELECT TOP 1 @room_id = r.room_id
FROM Room r
INNER JOIN Room_Status s ON r.room_id = s.room_id
WHERE LOWER(r.room_type) = LOWER(@room_type) AND LOWER(s.status) = 'available'
ORDER BY r.room_id;

IF @room_id IS NULL
BEGIN
    SET @Message = N'⚠ No available rooms of the selected type , All Reserved.';
    RETURN;
END;

-- Insert reservation
INSERT INTO Room_reservation (p_id, room_id, emp_id, checkin)
VALUES (@p_id, @room_id, @receptionist_id, @checkin_date);

DECLARE @reservation_id INT;
SELECT TOP 1 @reservation_id = reservation_id
FROM Room_reservation
WHERE room_id = @room_id
ORDER BY reservation_id DESC;

-- Update room status
UPDATE Room_Status
SET status = 'Reserved'
WHERE room_id = @room_id;

SET @Message = N'✓ Reservation added successfully. Room ID: '
+ CAST(@room_id AS NVARCHAR(10))
+ N', Reservation ID: ' + CAST(@reservation_id AS NVARCHAR(10));

END TRY
BEGIN CATCH
    SET @Message = N'⚠ Error: ' + ERROR_MESSAGE();
END CATCH
END;
GO
```

```
DECLARE @ResultMessage NVARCHAR(200);
EXEC sp_room_reservation
    @p_id = 1002,
    @room_type = 'icu',
    @Message = @ResultMessage OUTPUT;
SELECT @ResultMessage AS Message;
```

Results Messages

Message

⚠ No available rooms of the selected type , All Reserved.

```
DECLARE @ResultMessage NVARCHAR(200);
EXEC sp_room_reservation
    @p_id = 1003,
    @room_type = 'normal',
    @Message = @ResultMessage OUTPUT;
SELECT @ResultMessage AS Message;
```

Results Messages

Message

✓ Reservation added successfully. Room ID: 3, Reservation ID: 61100

```
DECLARE @ResultMessage NVARCHAR(200);
EXEC sp_room_reservation
    @p_id = 15003,
    @room_type = 'normal',
    @Message = @ResultMessage OUTPUT;
SELECT @ResultMessage AS Message;
```

Results Messages

Message

✗ Invalid patient ID.



Surgery system SP

Test

```
-- B) operation duration and price details
SELECT TOP 1
    @surgery_id = surgery_id,
    @duration_minutes = duration ,
    @surgery_price = price
FROM Surgery
WHERE surgery_name = @surgery_name;

IF @surgery_id IS NULL
BEGIN
    SET @Message = N'? Surgery not found.';
    ROLLBACK TRAN;
    RETURN;
END

-- C)Handling available room to be reserved automatically
;WITH RoomLoad AS (
    SELECT
        r.room_id,
        ISNULL(
            (
                SELECT CONVERT(TIME, DATEADD(MINUTE, @prep_minutes, MAX(CONVERT(DATETIME, sr.end_time))))
                FROM Surgery_reservation sr
                WHERE sr.surgery_date = @surgery_date
                    AND sr.room_id = r.room_id
            ),
            CONVERT(TIME, '07:00')
        ) AS next_available_time
    FROM Room r
    WHERE LOWER(r.room_type) = 'surgery'
)
SELECT TOP 1
    @or_room_id = room_id,
    @start_time = next_available_time
FROM RoomLoad
ORDER BY next_available_time ASC, room_id;

IF @or_room_id IS NULL
BEGIN
    SET @Message = N'? No available operating rooms for the selected date.';
    ROLLBACK TRAN;
    RETURN;
END

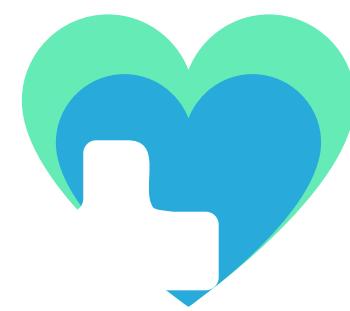
-- D) Calculate operation termination according to normal time in surgery table
SET @end_time = CONVERT(TIME, DATEADD(MINUTE, @duration_minutes, CONVERT(DATETIME, @start_time)));

-- E) prevent reserve same doctor or patient at the same time
IF EXISTS (
    SELECT 1 FROM Surgery_reservation sr
    WHERE sr.surgery_date = @surgery_date
        AND (sr.doctor_id = @doc_id OR sr.p_id = @p_id)
```

```
--Reserve Surgery automatically EXEC
DECLARE @Message NVARCHAR(400);
EXEC sp_surgery_reservation_auto
    @p_id = 6,
    @doc_id = 89,
    @surgery_name = N'Ocular foreign body removal',
    @surgery_date = '2025-12-10',
    @payment_method = N'visa',
    @Message = @Message OUTPUT;
SELECT @Message AS Result;
```

```
--Reserve Surgery automatically EXEC
DECLARE @Message NVARCHAR(400);
EXEC sp_surgery_reservation_auto
    @p_id = 4,
    @doc_id = 90,
    @surgery_name = N'Ocular foreign body',
    @surgery_date = '2025-12-10',
    @payment_method = N'visa',
    @Message = @Message OUTPUT;
SELECT @Message AS Result;
```

```
--Reserve Surgery automatically EXEC
DECLARE @Message NVARCHAR(400);
EXEC sp_surgery_reservation_auto
    @p_id = 10,
    @doc_id = 84,
    @surgery_name = N'Ocular foreign body removal',
    @surgery_date = '2025-12-11',
    @payment_method = N'visa',
    @Message = @Message OUTPUT;
SELECT @Message AS Result;
```



Attendance system SP

Test

```
-- attendance SP
CREATE OR ALTER PROCEDURE sp_CheckInEmployee
    @emp_id INT,
    @checkin DATETIME = NULL,
    @Message NVARCHAR(200) OUTPUT
AS
BEGIN
    SET NOCOUNT ON;
    IF @checkin IS NULL
        SET @checkin = GETDATE();

    IF NOT EXISTS (SELECT 1 FROM Employee WHERE emp_id = @emp_id)
    BEGIN
        SET @Message = N'Employee not found in the system';
        RETURN;
    END

    IF EXISTS (SELECT 1 FROM Employee WHERE emp_id = @emp_id AND status = 'Inactive')
    BEGIN
        SET @Message = N'Employee is inactive and cannot check in';
        RETURN;
    END

    IF EXISTS (SELECT 1 FROM Attendance WHERE emp_id = @emp_id AND attend_date = CAST(@checkin AS DATE))
    BEGIN
        SET @Message = N'Employee already checked in today';
        RETURN;
    END

    INSERT INTO Attendance (emp_id, checkin, checkout, attend_date)
    VALUES (@emp_id, @checkin, NULL, CAST(@checkin AS DATE));

    SET @Message = N'Check-in recorded successfully';
END;

CREATE OR ALTER PROCEDURE sp_CheckOutEmployee
    @emp_id INT,
    @checkout DATETIME = NULL,
    @Message NVARCHAR(200) OUTPUT
AS
BEGIN
    SET NOCOUNT ON;
```

```
DECLARE @ResultMessage NVARCHAR(200);
EXEC sp_CheckInEmployee
    @emp_id = 20,
    @Message = @ResultMessage OUTPUT;
SELECT @ResultMessage AS Message;
```

```
% Results Messages
Message
Check-in recorded successfully
```

```
DECLARE @ResultMessage NVARCHAR(200);
EXEC sp_CheckOutEmployee
    @emp_id = 20,
    @Message = @ResultMessage OUTPUT;
SELECT @ResultMessage AS Message;
```

```
% Results Messages
Message
Checkout recorded successfully
```

```
--exec for checkin
DECLARE @ResultMessage NVARCHAR(200);
EXEC sp_CheckInEmployee
    @emp_id = 40,
    @Message = @ResultMessage OUTPUT;
SELECT @ResultMessage AS Message;
```

```
% Results Messages
Message
No check-in found for this employee today
```

```
DECLARE @ResultMessage NVARCHAR(200);
EXEC sp_CheckInEmployee
    @emp_id = 20,
    @Message = @ResultMessage OUTPUT;
SELECT @ResultMessage AS Message;
```

```
% Results Messages
Message
Employee already checked in today
```



Reward & Deduction SP

```
CREATE OR ALTER PROCEDURE sp_InsertReward
    @emp_id INT,
    @reward_type NVARCHAR(100),
    @amount DECIMAL(18, 2),
    @reward_date DATE = NULL,
    @Message NVARCHAR(200) OUTPUT
AS
BEGIN
    SET NOCOUNT ON;

    IF NOT EXISTS (SELECT 1 FROM Employee WHERE emp_id = @emp_id)
    BEGIN
        SET @Message = N'Employee not found';
        RETURN;
    END

    IF @amount <= 0
    BEGIN
        SET @Message = N'Reward amount must be greater than zero';
        RETURN;
    END

    IF @reward_date IS NULL
        SET @reward_date = CAST(GETDATE() AS DATE);

    INSERT INTO Reward (emp_id, reward_type, date, amount)
    VALUES (@emp_id, @reward_type, @reward_date, @amount);

    SET @Message = N'Reward added successfully';
END;
```

```
CREATE OR ALTER PROCEDURE sp_CalculateAttendanceDeduction
    @emp_id INT,
    @attend_date DATE,
    @Message NVARCHAR(200) OUTPUT
AS
BEGIN
    SET NOCOUNT ON;

    DECLARE @emp_type NVARCHAR(20),
            @shift_start TIME,
            @shift_end TIME,
            @checkin DATETIME,
            @checkout DATETIME,
            @monthly_salary DECIMAL(18, 2),
            @daily_salary DECIMAL(18, 2),
```

Test

```
-- Exec reward
DECLARE @msg NVARCHAR(200);

EXEC sp_InsertReward
    @emp_id = 4,
    @reward_type = N'Complete his job fast and perfect',
    @amount = 1000,
    @Message = @msg OUTPUT;
SELECT @msg AS Result;
```

Results Messages

Result

Reward added successfully


```
-- Exec manual deduction
DECLARE @msg NVARCHAR(200);

EXEC sp_InsertManualDeduction
    @emp_id = 3,
    @deduction_type = N'Late arrival',
    @amount = 500,
    @Message = @msg OUTPUT;
SELECT @msg AS Result;
```

Results Messages

Result

Manual deduction added successfully

SSRS Reports



Room Revenue per Year

Reservation Year	room type	Total Revenue
2023		155,150,000
	surgery	64,900,000
	recovery	32,450,000
	icu	19,430,000
	emergency	16,567,500
	Normal	13,189,500
	vip	8,613,000
2024		129,390,500
	Surgery	41,950,000
	emergency	21,618,000
	Recovery	20,975,000
	icu	20,465,000
	Normal	14,656,500
	Vip	9,726,000



Top 10 Radiology by Revenue

Test Year	rad name	Total Times Done	Total Price
2023		266	1,886,000
	HIDA Scan	33	231,000
	CT Myelogram	31	217,000
	X-ray Spine	31	217,000
	Angiography	24	192,000
	Ultrasound Thyroid	26	182,000
	Digital X-ray	25	175,000
	CT Pelvis	24	168,000
	Bone Scan	24	168,000
	Ultrasound Pelvis	24	168,000
	X-ray Knee	24	168,000
2024		191	1,362,500
	Ultrasound Kidney	25	175,000
	Digital X-ray	24	168,000
	Cardiac MRI	19	142,500
	CT Pelvis	20	140,000
	HIDA Scan	20	140,000
	Angiography	16	128,000
	Ultrasound Pelvis	17	119,000
	Ultrasound Thyroid	17	119,000
	X-ray Spine	17	119,000
	Bone Scan	16	112,000

Top 3 Doctors Per Department

dept name	Emp ID	Doctor Name	Total Appointments
Cardiology			6,920
	26	heba ramy	3,497
	27	malak waleed	2,292
	25	yasmin samir	1,131
Dermatology			12,410
	17	sara mahmoud	5,106
	18	mariam ali	4,165
	16	fatma zahraa	3,139
Ear Nose & Throat			11,140
	11	mostafa rafat	5,581
	12	ibrahim sherif	3,371
	10	ali hassan	2,188
Internal Medicine			9,180
	1	Mostafa Mohamed	3,126
	3	aya nabil	3,068
	2	alaa ahmed	2,986
Neurology			8,715
	24	menna khaled	3,648
	22	nourhan ibrahim	2,578
	23	shahd mostafa	2,489
Obstetrics & Gynecology			8,185
	9	karim hossam	3,246
	7	omar khaled	3,162
	8	mahmoud adel	1,777
Ophthalmology			8,350
	13	ziad fouad	3,524
	14	adam yasser	2,726
	15	hossam mostafa	2,100
Orthopedics			15,600
	19	aya hassan	7,866
	21	reem tarek	5,169
	20	dina ashraf	2,565
Pediatrics			11,110
	6	youssef emad	4,574
	5	mohamed tarek	4,024
	4	ahmed sami	2,512

Expenses Report

Expenses for Year 2023		
Month Name	Expense Type	Total Amount
April		3,249,200
	electricity	250,000
	gas	26,000
	internet	5,200
	lab_tools	90,000
	Maintenance	75,000
	Pharmacy	2,250,000
	rad_tools	190,000
	room_tools	47,000
	Surgery	280,000
	water	36,000
August		5,035,100
	electricity	220,000
	gas	50,000
	internet	5,600
	lab_tools	1,700,000
	Maintenance	59,000
	Pharmacy	2,300,000
	rad_tools	300,000
	room_tools	49,500
	Surgery	320,000
	water	31,000
December		3,492,200
	electricity	170,000
	gas	26,000
	internet	5,200

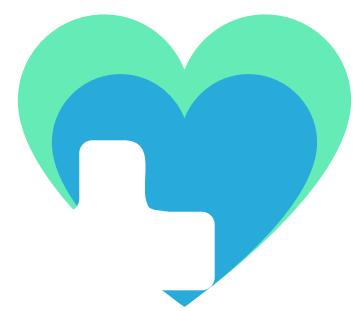
Employees Salary by Department

dept name	employee name	Salary
adminstration		29,700
	ahmed samir	10,120
	sara mostafa	9,900
	mai hamdy	9,680
Cardiology		90,200
	self tarek	27,500
	yasmin samir	22,000
	heba ramy	20,350
	malak waleed	20,350
Dermatology		76,450
	mohamed medhat	27,500
	fatma zahraa	18,150
	mariam ali	17,600
	sara mahmoud	13,200
Ear Nose & Throat		82,500
	mostafa saad	27,500
	ibrahim sherif	19,800
	mostafa rafat	18,700
	ali hassan	16,500
house keeping		70,840
	fatma hamdy	8,140
	mai mostafa	8,030
	radwa ibrahim	8,030
	eman samir	7,920
	yasmin khaled	7,810
	doaa mahmoud	7,810
	shimaa hassan	7,700
	shaimaa adel	7,700
	asmaa ali	7,700
Internal Medicine		118,459
	wael fawzy	33,275
	Mostafa Mohamed	31,944
	alaa ahmed	26,620
	aya nabil	26,620
lab		51,150
	ahmed farouk	17,600
	nesma ibrahim	17,050
	khaled hany	16,500

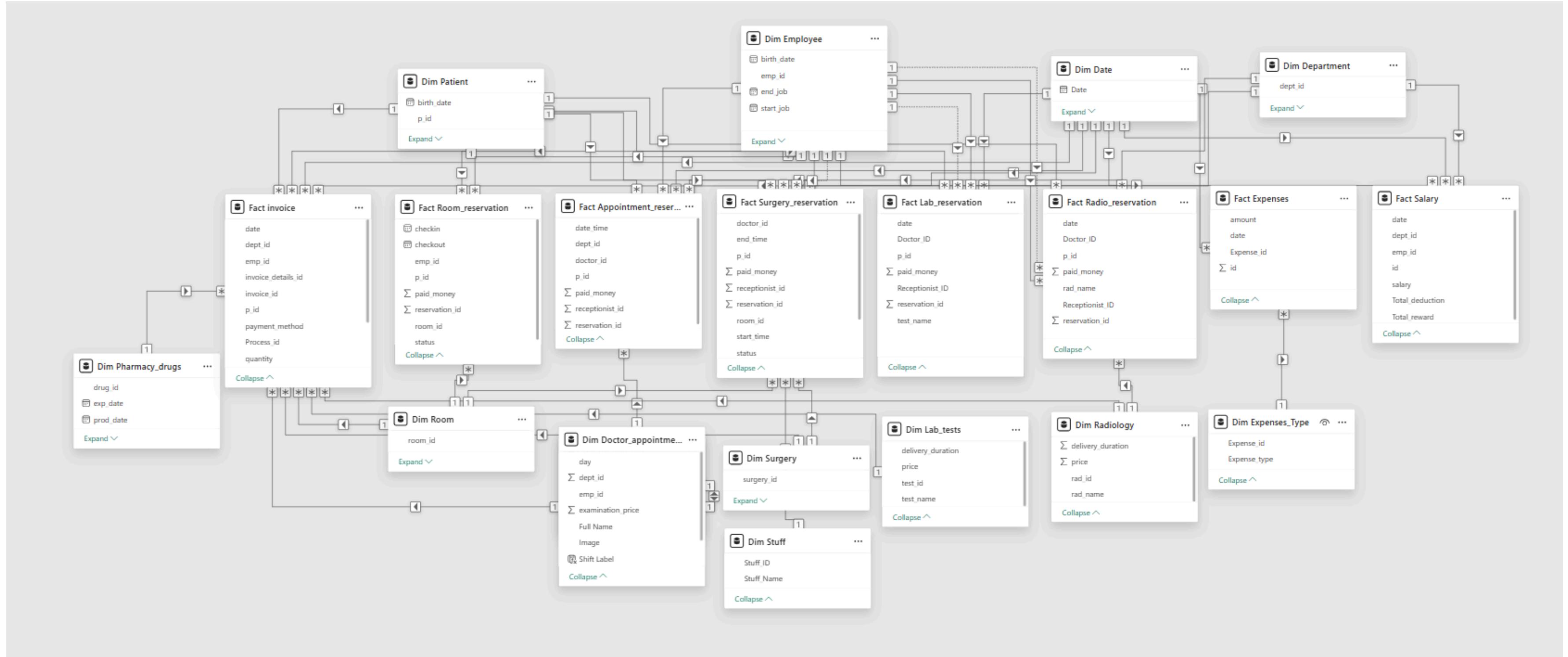
Employees Salary by Department

dept name	employee name	Salary
Neurology		83,050
	tarek hamid	27,500
	shahd mostafa	19,800
	nourhan ibrahim	19,250
	mena khaled	16,500
nursing		317,137
	Mostafa Mohamed	18,150
	shady Mohamed	17,000
	ahmed Mohamed	15,000
	asmaa kamal	11,979
	hana saad	11,858
	doaa mostafa	11,737
	eman ahmed	11,677
	salma adel	11,616
	nehal Ibrahim	11,556
	passant fouad	11,495
	ghada hassan	11,374
	radwa ramy	11,314
	lobna samir	11,253
	ahmed mostafa	11,193
	maha yasser	11,132
	mohamed sherif	11,072
	meyer sherif	11,011
	farah rafat	10,951
	habiba emad	10,890
	nora salah	10,830
	ala Mohamed	10,800
	nada tarek	10,769
	shahd hossam	10,709
	minna kamel	10,648
	yousrya mohamed	10,406
	marlam mohamed	10,406
	heba osama	10,164
Obstetrics & Gynecology		85,250
	amina mohamed	27,500
	mahmoud adel	20,350
	omar khaled	19,250
	karim hossam	18,150
Ophthalmology		85,250
	khalid younes	27,500
	ziad fouad	20,350

2 out of 3



Data modeling schema

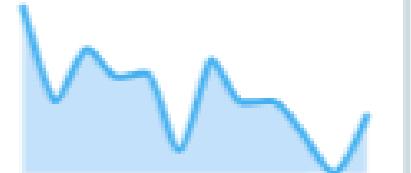


Dashboard

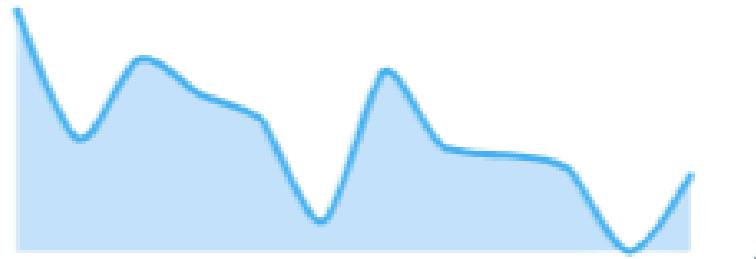
 Aura Medical Care Hospital

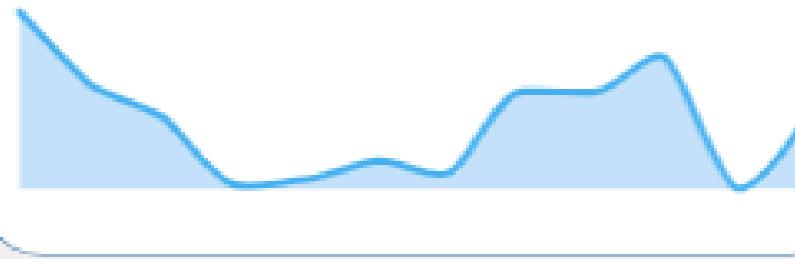
2023 2024

Home Clinic Pharmacy Lab & Radiology Room & Surgery HR & Finance

Patients  **15K**


Employees  **99**


Appointments  **92K**


Surgery  **11K**


Laboratory  **39K**

Rooms  **40**

Radiology  **38K**

Stock Quantity  **278K**

Best 10 Doctors

Full Name	Doctor
Ibrahim Sheriff	
Khalid Ahmed	
Marwan Ali	
Mohamed Shafik	
Mostafa Mohamed	

 **WWW**

26



Aura Medical Care Hospital

Appointments

Doctors

Patients

2023

2024

Home

Clinic

Pharmacy

Lab & Radiology

Room & Surgery

HR & Finance

Appointmetns

92K

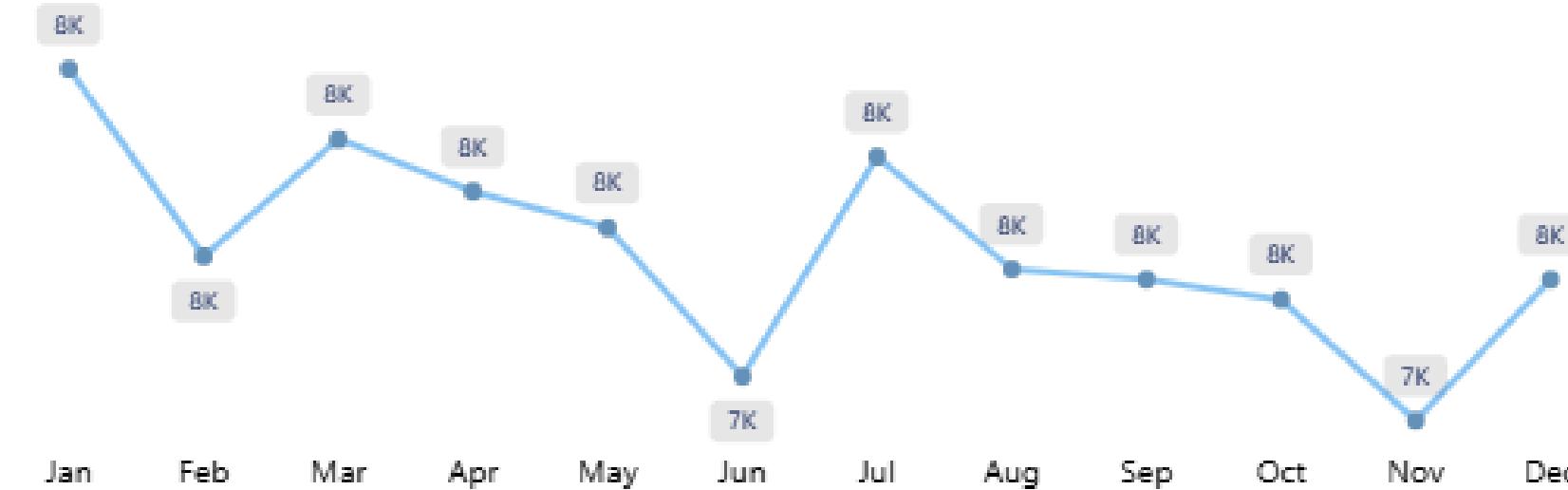
Clinic Revenue

64.45M

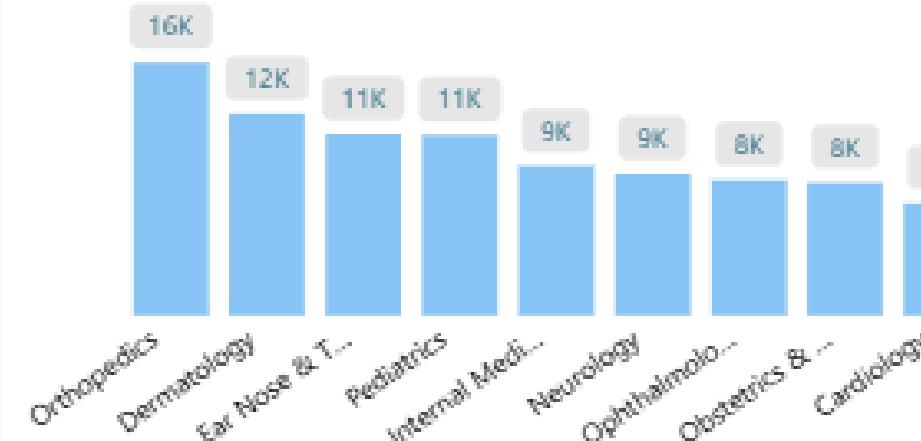
Appointments per Day

14

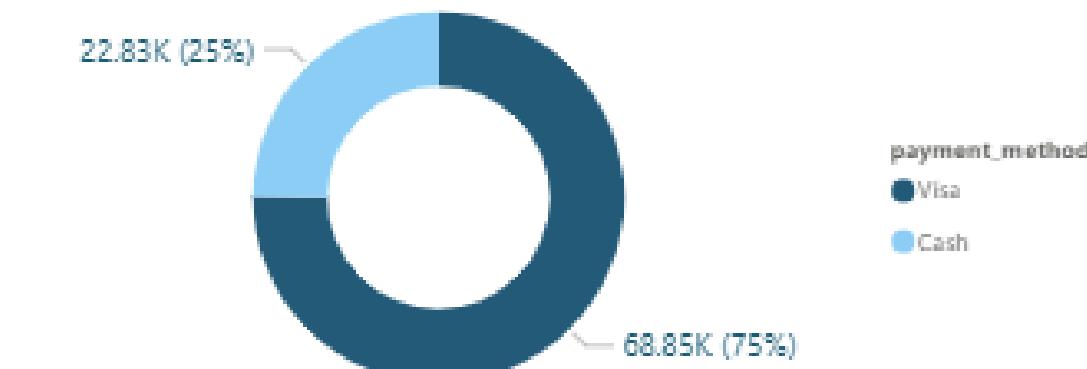
Appointments by MonthName

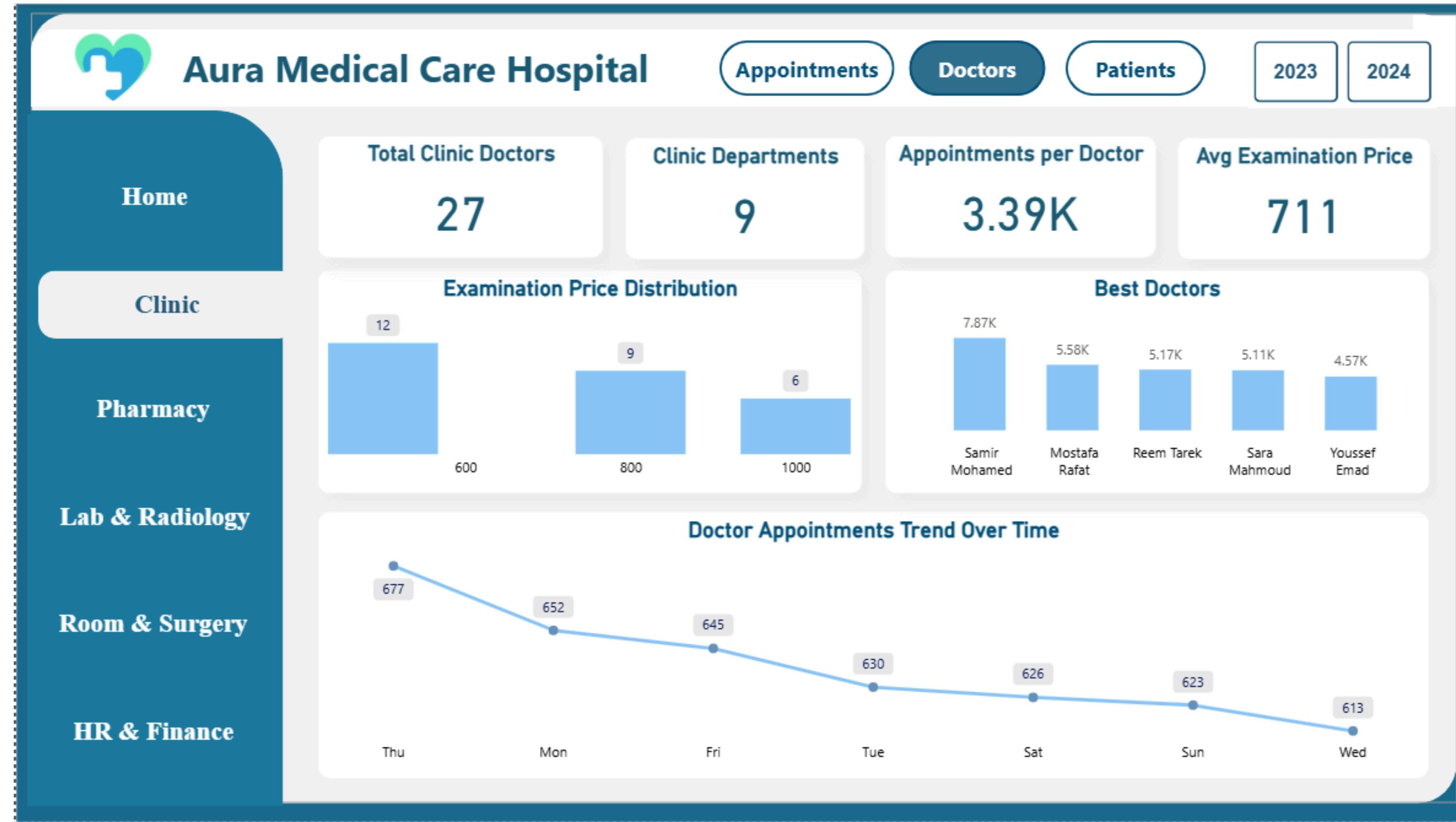


Appointments by dept_name



Payment Method Breakdown







Aura Medical Care Hospital

[Appointments](#)[Doctors](#)[Patients](#)

2023

2024

[Home](#)[Clinic](#)[Pharmacy](#)[Lab & Radiology](#)[Room & Surgery](#)[HR & Finance](#)

Total Patients

15K

Male Patients

5582

Female Patients

9368

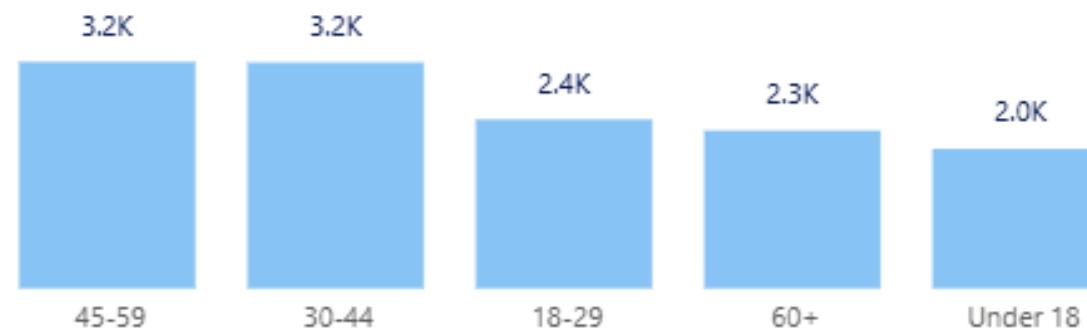
Average Age

39

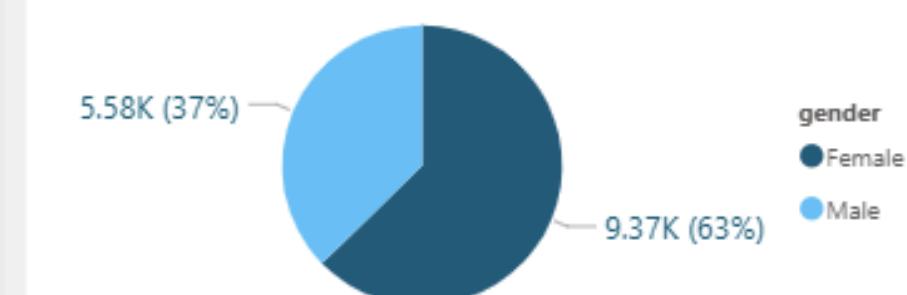
Visits per Patient

6.13

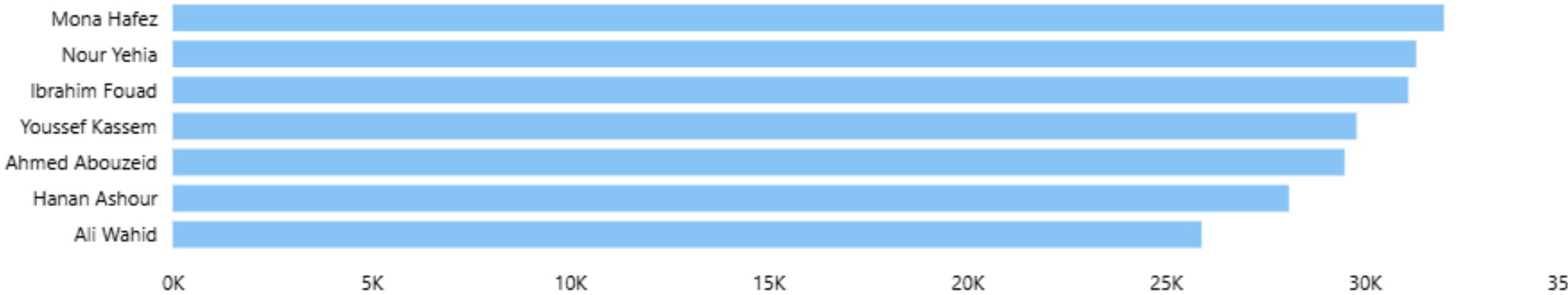
Patients by Age Group



Patients by Gender



Total Spending by Full Name





Aura Medical Care Hospital

[Pharmacy Drugs](#)[Repository](#)[Pharmacy Expenses](#)[2023](#)[2024](#)[Home](#)[Clinic](#)[Pharmacy](#)[Lab & Radiology](#)[Room & Surgery](#)[HR & Finance](#)

#Drugs

1141

Invoices

92K

Sold Quantity

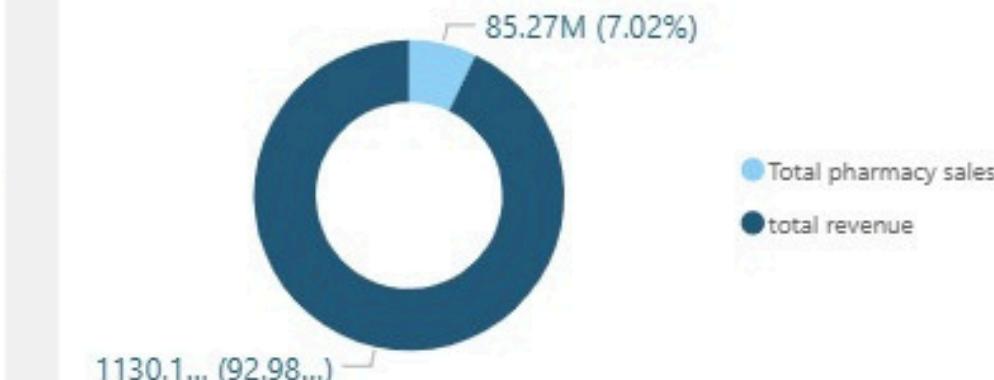
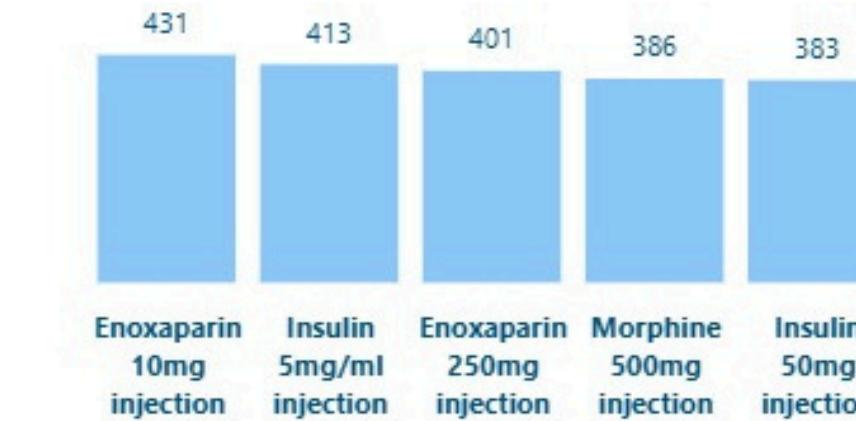
457K

Pharmacy Revenue

85.27M

Total Profit

31.38M

pharmacy sales by Month**Pharmacy revenue vs Total revenue****Highest 5 drug price****Top 5 Drugs Sold quantities**

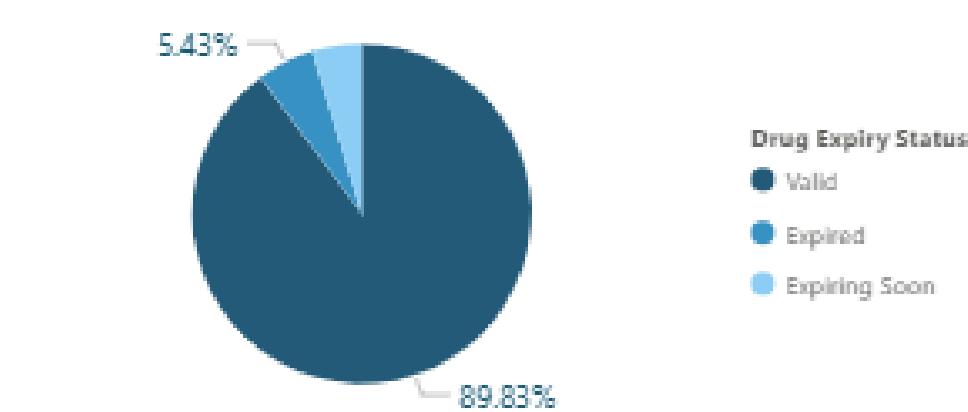


Aura Medical Care Hospital

[Pharmacy Drugs](#)[Repository](#)[Pharmacy Expenses](#)

2023

2024

[Home](#)[Clinic](#)[Pharmacy](#)[Lab & Radiology](#)[Room & Surgery](#)[HR & Finance](#)**Total Stock Quantity
278K****Total Stock Value
46.33M****# Expired Drugs
62****Expired Soon
54****Total Expired Loss
2.37M****Expired drugs quantity by Year****# Drugs By Expiry Status**

drug_name	Drug Expiry Status	quantity	Total Stock Value
Cefixime 608	Expired	494	115,739.26
Losartan 643	Expired	489	106,538.43
Aspirin 869	Expired	478	114,748.68
Prednisolone 803	Expired	475	64,196.25
Loratadine 412	Expired	469	39,278.71
Clindamycin 210	Expired	459	84,882.81
Diclofenac 634	Expired	450	53,743.50



Home

Clinic

Pharmacy

Lab & Radiology

Room & Surgery

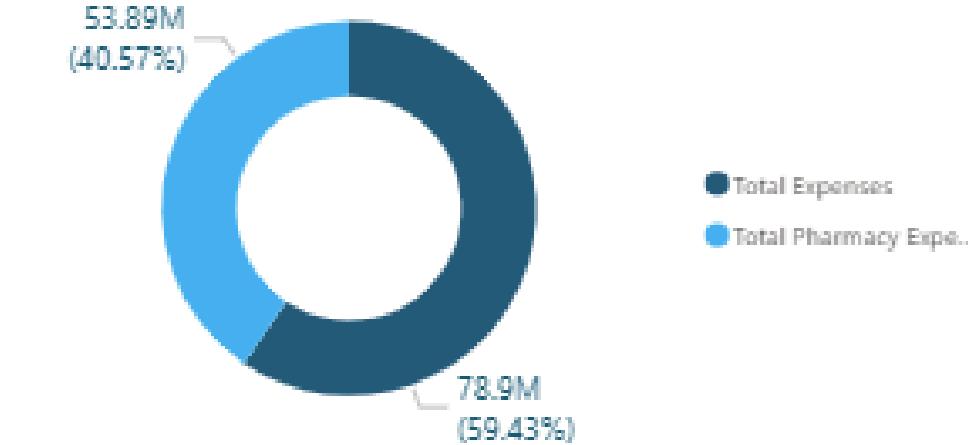
HR & Finance

Total Pharmacy Expenses by MonthName



drug_name	Total Stock Value
Cefixime 608	115,739.26
Aspirin 869	114,748.68
Omeprazole 464	110,076.92
Losartan 643	106,538.43
Diclofenac 919	98,031.60
Total	2,415,555.94

Total Expenses and Total Pharmacy Expenses





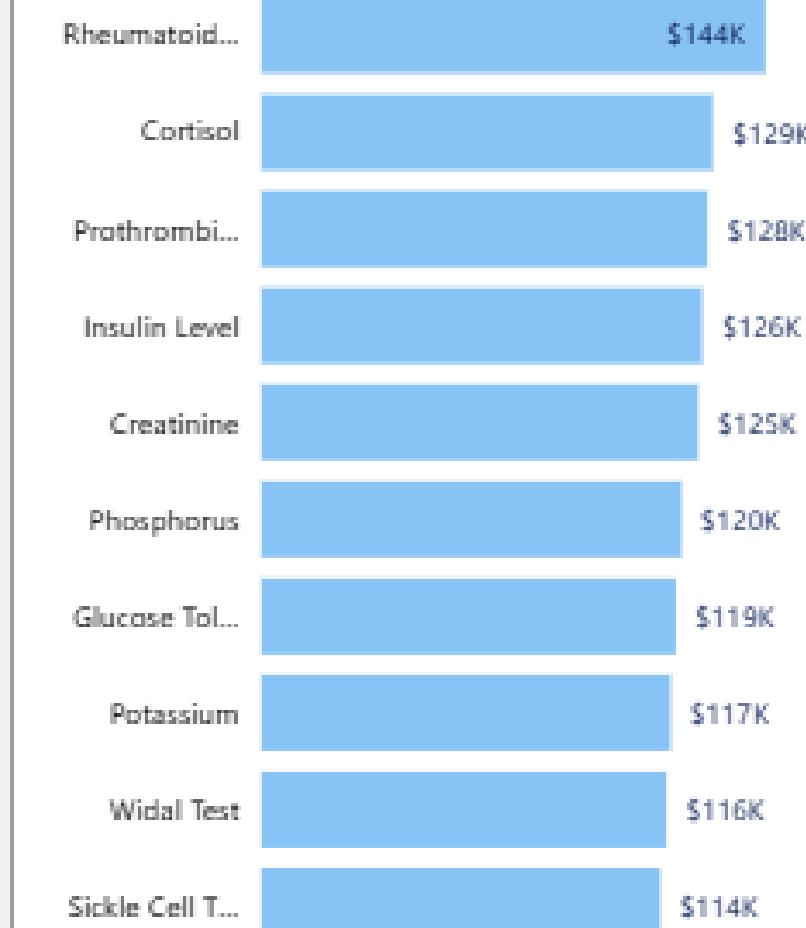
Aura Medical Care Hospital

[Lab Revenue](#)
[Lab Reservation](#)
[Radiology](#)
[2023](#)
[2024](#)
[Home](#)
[Clinic](#)
[Pharmacy](#)
[Lab & Radiology](#)
[Room & Surgery](#)
[HR & Finance](#)
Tests
110
Lab Reservation
39K
Lab Cost
4.37M
Lab revenue
71M
**...**

Lab_Revenue by MonthName



Lab_Revenue by test_name



Quarter	Lab_Revenue	Lab Cost	Lab_profit
Qtr 3	16,870,700	2,427,000	14,443,700
Qtr 1	19,103,150	902,000	18,201,150
Qtr 4	18,557,600	542,000	18,015,600
Qtr 2	16,254,700	495,000	15,759,700
Total	70,786,150	4,366,000	66,420,150



Aura Medical Care Hospital

[Lab Revenue](#)[Lab Reservation](#)[Radiology](#)

2023

2024

[Home](#)[Clinic](#)[Pharmacy](#)[Lab & Radiology](#)[Room & Surgery](#)[HR & Finance](#)[Lab Reservation](#)

39K

[Patients](#)

14K

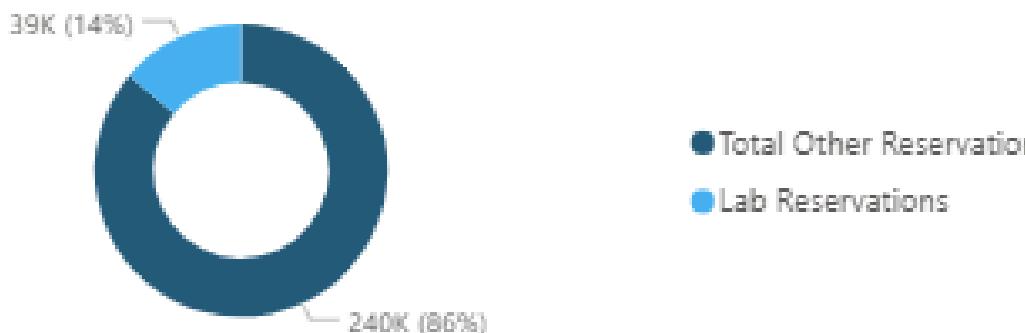
[Avg Payment Per Reservation](#)

732

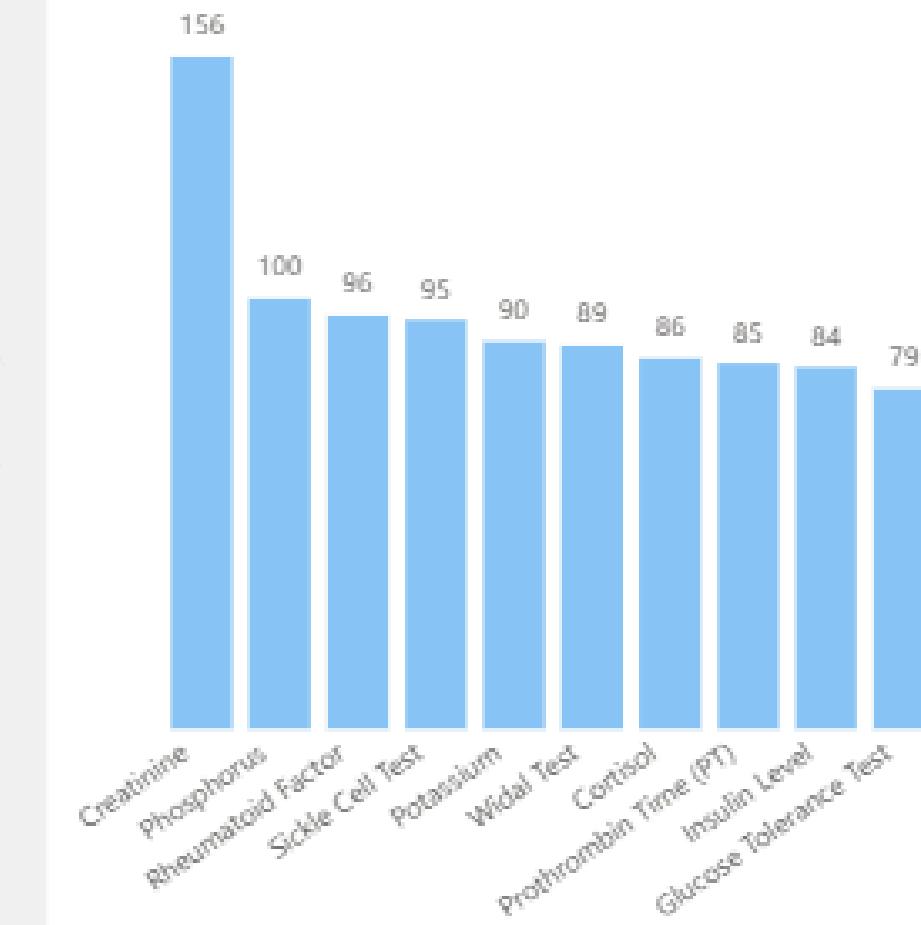
[Avg Delivery Duration \(Hours\)](#)

12

Total Other Reservation and Lab Reservations



Lab Reservations by test_name



test_name	price	Sum of delivery_duration
BNP	800.00	24
Chloride	1,000.00	24
Culture & Sensitivity	200.00	24
HBsAg	300.00	24
Lipid Profile	150.00	24
AFP	1,000.00	23
aPTT	1,200.00	23
Beta-hCG	800.00	23
C3 Complement	500.00	23
Electrolytes	1,500.00	23



Aura Medical Care Hospital

[Radio Revenue](#)[Radio Reservation](#)[Laboratory](#)[2023](#)[2024](#)[Home](#)[Clinic](#)[Pharmacy](#)[Lab & Radiology](#)[Room & Surgery](#)[HR & Finance](#)

Radiology

125

Cost

5.35M

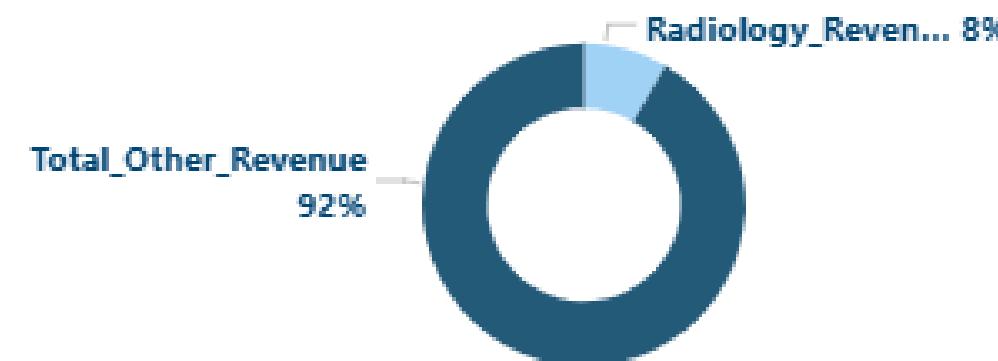
Revenue

95.35M

Profit

90M

Radiology_Revenue and Total_Other_Revenue



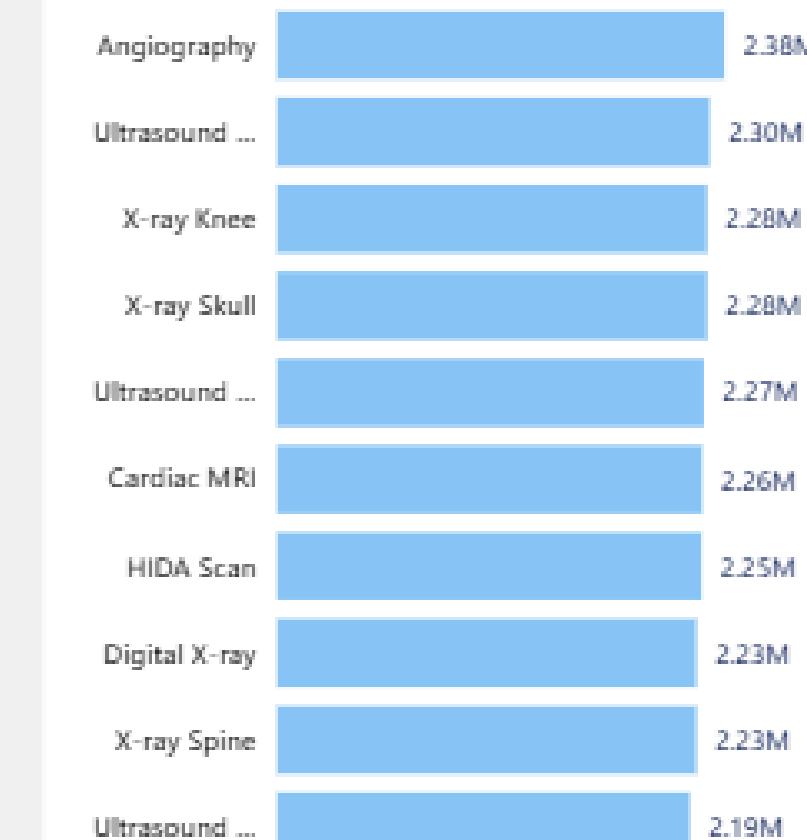
Radiology_Revenue by rad_name

Angiography	2.38M
Ultrasound Pe...	2.30M
X-ray Knee	2.28M
X-ray Skull	2.28M
Ultrasound O...	2.27M
Cardiac MRI	2.26M
HIDA Scan	2.25M
Digital X-ray	2.23M
X-ray Spine	2.23M
Ultrasound Ki...	2.19M
Ultrasound D...	2.13M
CT Myelogram	2.12M
Ultrasound Th...	2.07M
Bone Scan	2.05M
X-ray Abdomen	2.02M
RadiologyTest...	2.00M
MRI Knee	1.94M
CT Pelvis	1.88M
Spine MRI	1.87M
RadiologyTest...	1.87M

Quarter	Radiology_Revenue	Radiology Cost	Radiology_profit
Qtr 2	26,284,300.00	1,090,000.00	25,194,300.00
Qtr 3	25,186,000.00	1,640,000.00	23,546,000.00
Qtr 1	24,350,300.00	1,610,000.00	22,740,300.00
Qtr 4	19,525,900.00	1,010,000.00	18,515,900.00
Total	95,346,500.00	5,350,000.00	89,996,500.00



Aura Medical Care Hospital

[Radio Revenue](#)[Radio Reservation](#)[Laboratory](#)[2023](#)[2024](#)[Home](#)[Clinic](#)[Pharmacy](#)[Lab & Radiology](#)[Room & Surgery](#)[HR & Finance](#)**Radiology reservation****38K****Unique Patients****10K****Avg Payment Per Reservation****2.52K****Avg Delivery Duration (Hours)****14****Rad reservation by MonthName****Radiology_Revenue by rad_name**

rad_name	price	Avg Rad_Delivery Duration (Hours)
Cardiac MRI	7,500.00	48.00
Head MRI	5,500.00	48.00
Knee MRI	4,500.00	48.00
MRI	5,000.00	48.00
Neck MRI	5,000.00	48.00
Spine MRI	6,000.00	48.00
Angiogram	3,000.00	24.00
Angiography	8,000.00	24.00
Barium Enema	1,500.00	24.00
CT Scan	4,000.00	24.00
Total		33.60

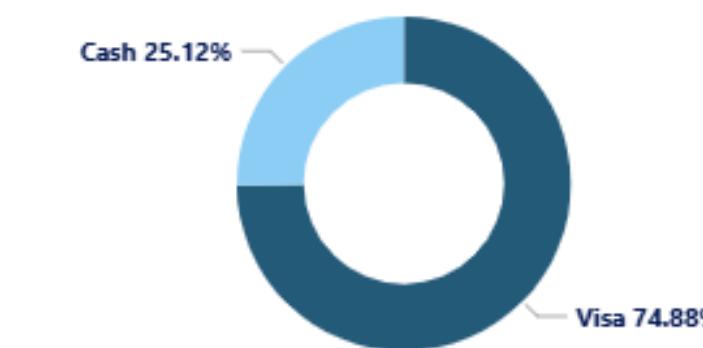


Aura Medical Care Hospital

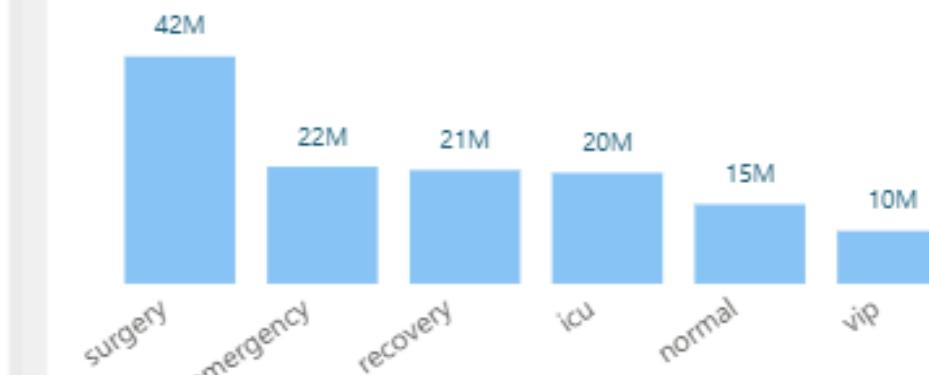
[Rooms_Revenue](#)[Rooms_Reservation](#)[Surgery](#)

2023

2024

[Home](#)[Clinic](#)[Pharmacy](#)[Lab & Radiology](#)[Room & Surgery](#)[HR & Finance](#)**Rooms revenue****129.39M****Rooms cost****580K****Rooms profit****128.81M****#invoice****26K****room revenue by MonthName****Rooms payment_method**

MonthName	room revenue	Ly room revenue
Jan	10,030,500.00	12,217,000.00
Feb	9,197,000.00	10,888,000.00
Mar	10,889,500.00	12,764,500.00
Apr	10,141,500.00	13,435,000.00
May	10,827,500.00	13,618,500.00
Jun	11,376,500.00	13,116,000.00
Jul	11,523,000.00	13,619,500.00
Aug	11,824,500.00	13,970,000.00
Sep	11,311,500.00	13,077,000.00
Total	129,390,500.00	155,150,000.00

room revenue by room_type



Aura Medical Care Hospital

[Rooms_Revenue](#)[Rooms_Reservation](#)[Surgery](#)[2023](#)[2024](#)[Home](#)[Clinic](#)[Pharmacy](#)[Lab & Radiology](#)[Room & Surgery](#)[HR & Finance](#)

Rooms reservation

61K

Occupancy rate

100

#Rooms

40

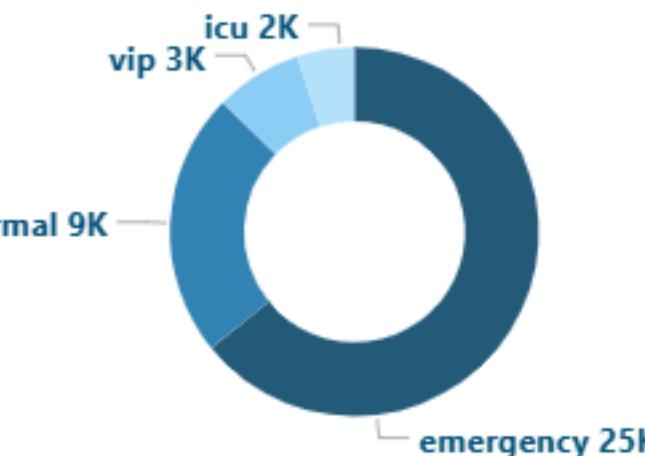
Max days

7

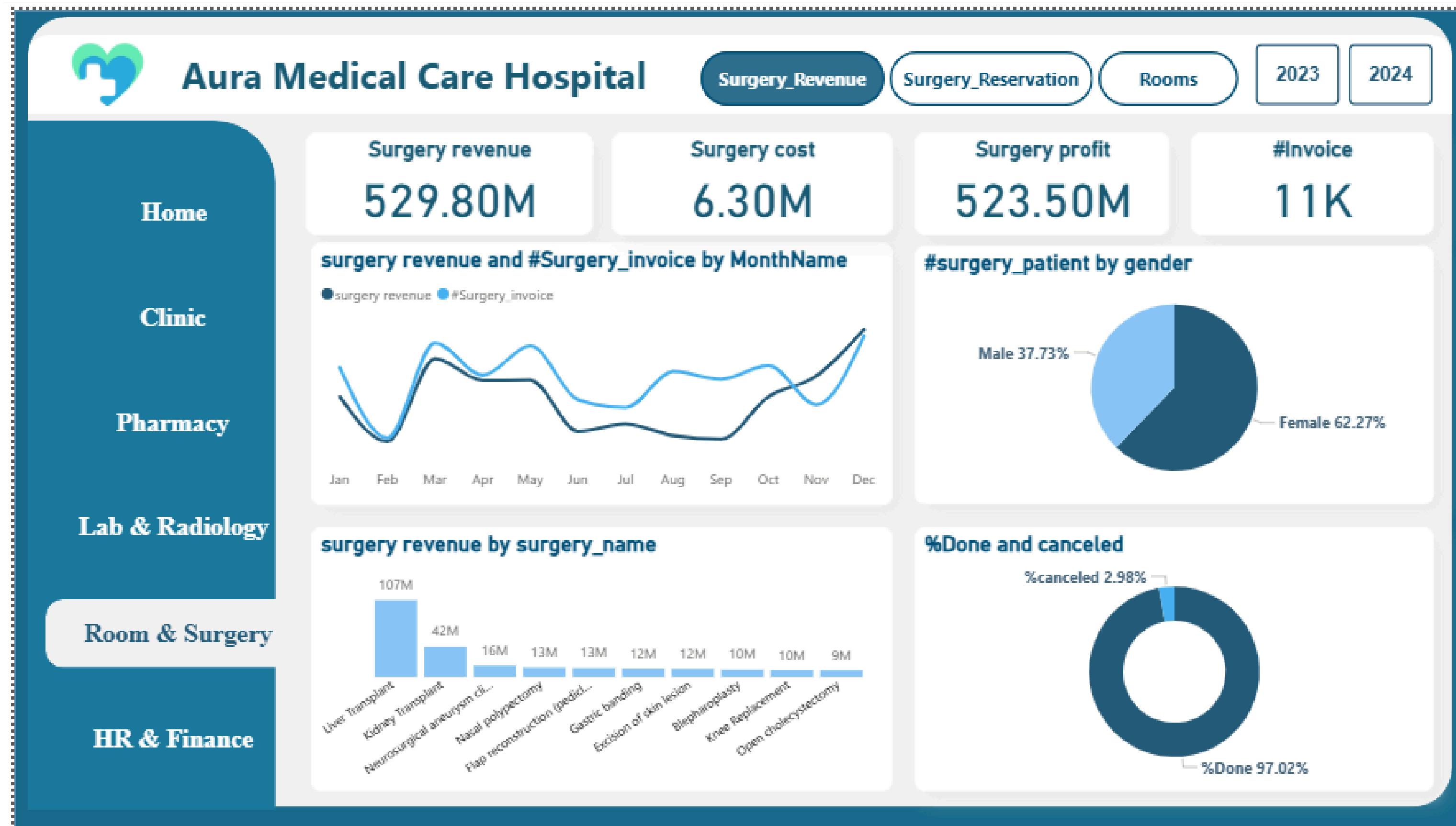
room reservation by MonthName



room reservation by room_type



room_type	#Rooms_total	price_per_day	Max_days	room_reservation	#reservation
emergency	3	1,500.00	1	25457	25457
normal	16	1,500.00	3	9227	9227
vip	6	3,000.00	3	3025	3025
icu	3	5,000.00	7	1993	1993
recovery	6	5,000.00	1	10685	10685
surgery	6	10,000.00	1	10685	10685
Total	40		7	61072	61072





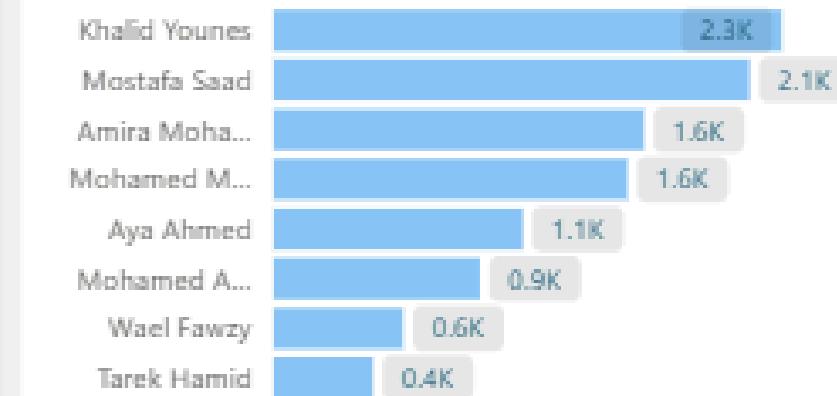
Aura Medical Care Hospital

[Surgery_Revenue](#)
[Surgery_Reservation](#)
[Rooms](#)
[2023](#)
[2024](#)
[Home](#)
[Clinic](#)
[Pharmacy](#)
[Lab & Radiology](#)
[Room & Surgery](#)
[HR & Finance](#)
[Surgery reservation](#)
11K
[Surgery patients](#)
7710
[#Surgery](#)
130
[Avg price](#)
48.42K

#surgery_reservation by MonthName



#surgery_reservation by doctor



category	#Avg price	Avg duration	#surgery_reservation	%canceled	%Done
Cardiology	31,750.00	247.50	698	1.58%	98.42%
Dermatology	41,600.00	224.00	1295	3.09%	96.91%
Ear Nose & Throat	47,000.00	168.00	428	2.34%	97.66%
Internal Medicine	63,333.33	287.06	4307	2.81%	97.19%
Neurology	33,800.00	162.00	870	2.53%	97.47%
Obstetrics & Gynecology	34,285.71	402.86	561	2.85%	97.15%
Ophthalmology	26,222.22	260.00	737	3.26%	96.74%



Aura Medical Care Hospital

[Previous](#)[Next](#)

2023

2024

[Home](#)[Clinic](#)[Pharmacy](#)[Lab & Radiology](#)[Room & Surgery](#)[HR & Finance](#)

Active Employees

99

Total Salary

41M

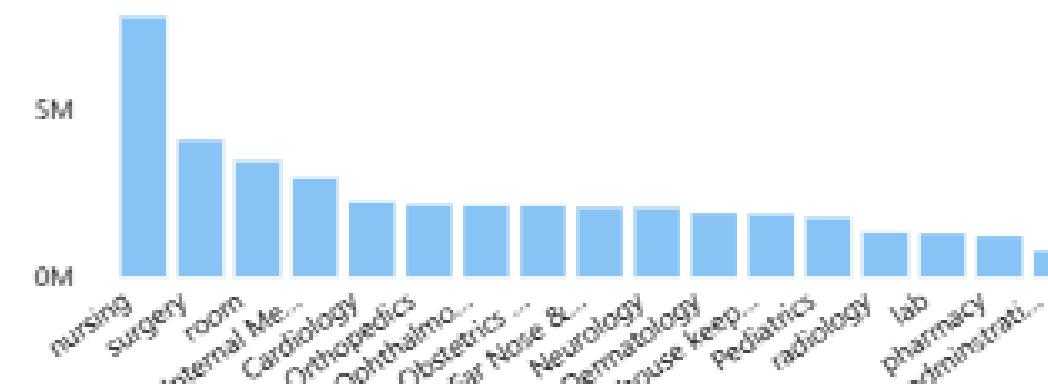
Total Base Salary Per Month

1.65M

AVG Salary

16.63K

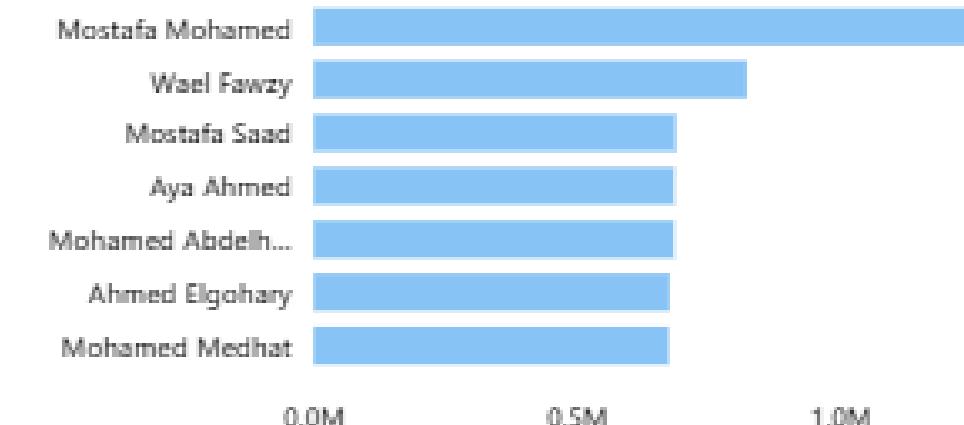
Total Net Salary by dept_name



Total Net Salary by MonthName



Total Net Salary by Full_name



Full_name	Base Salary	dept_name
Wael Fawzy	33,275.00	Internal Medicine
Mostafa Mohamed	31,944.00	Internal Medicine
Seif Tarek	27,500.00	Cardiology
Mohamed Medhat	27,500.00	Dermatology
Mostafa Saad	27,500.00	Ear Nose & Throat
Tarek Hamid	27,500.00	Neurology
Amira Mohamed	27,500.00	Obstetrics & Gynecology
Khalid Younes	27,500.00	Ophthalmology
Mohamed Abdelhamid	27,500.00	Orthopedics
Aya Ahmed	27,500.00	Pediatrics

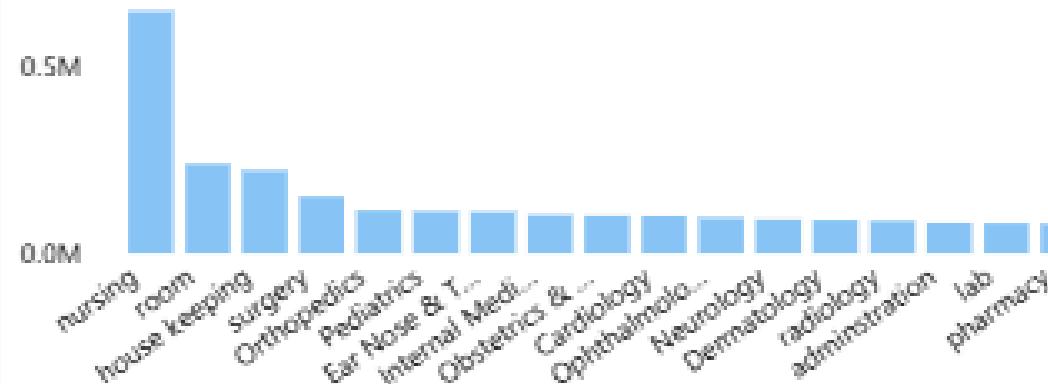
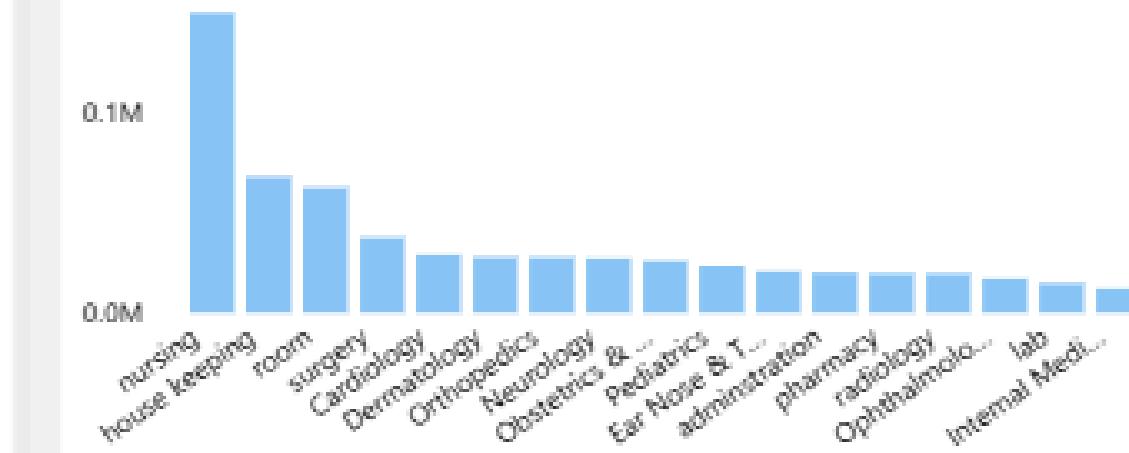
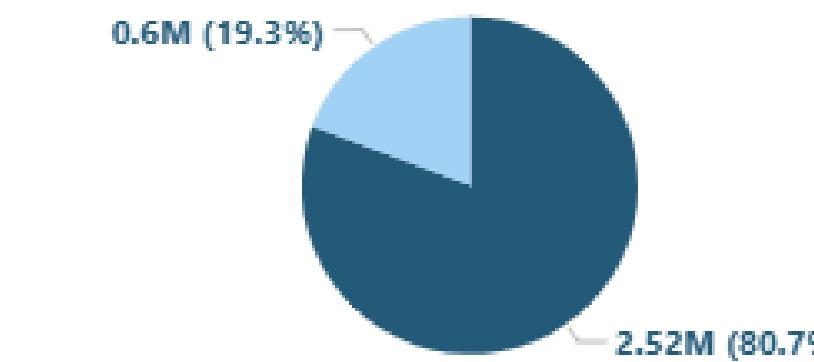


Aura Medical Care Hospital

[Previous](#)[Next](#)

2023

2024

[Home](#)[Clinic](#)[Pharmacy](#)[Lab & Radiology](#)[Room & Surgery](#)[HR & Finance](#)**# Rewards**
2081**# Deductions**
1394**Total Rewards**
2.52M**Total Deductions**
602.67K**Total Rewards by dept_name****Total Deductions by dept_name****Total Deductions and Total Rewards by MonthName****Total Rewards and Total Deductions**

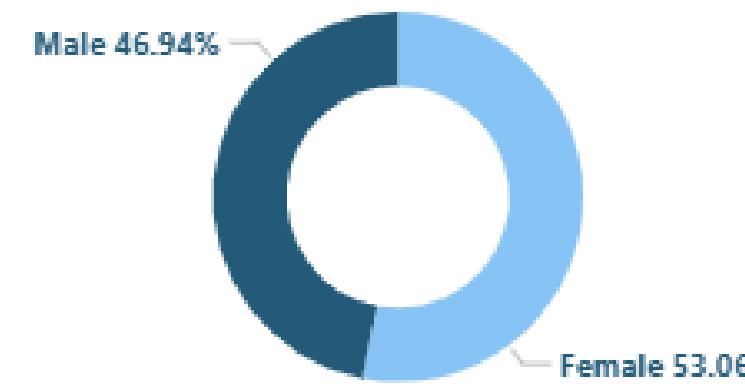
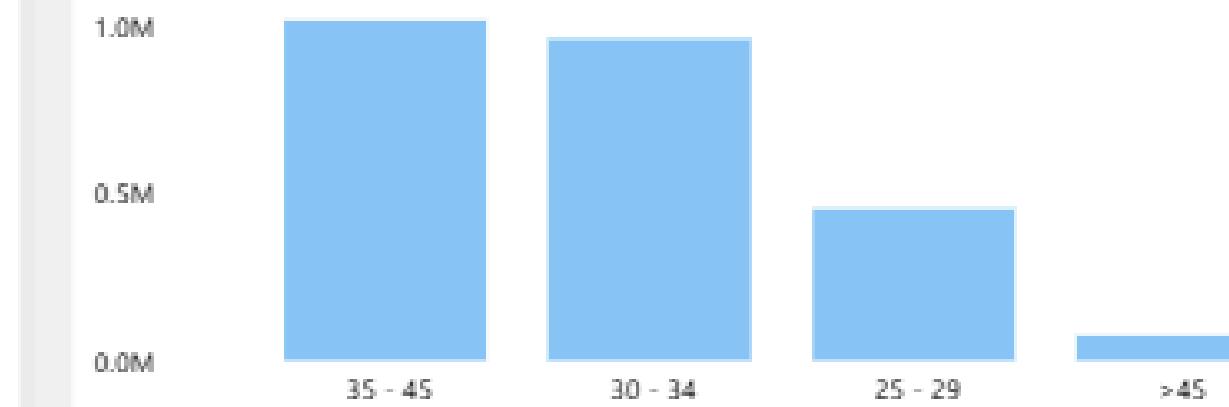


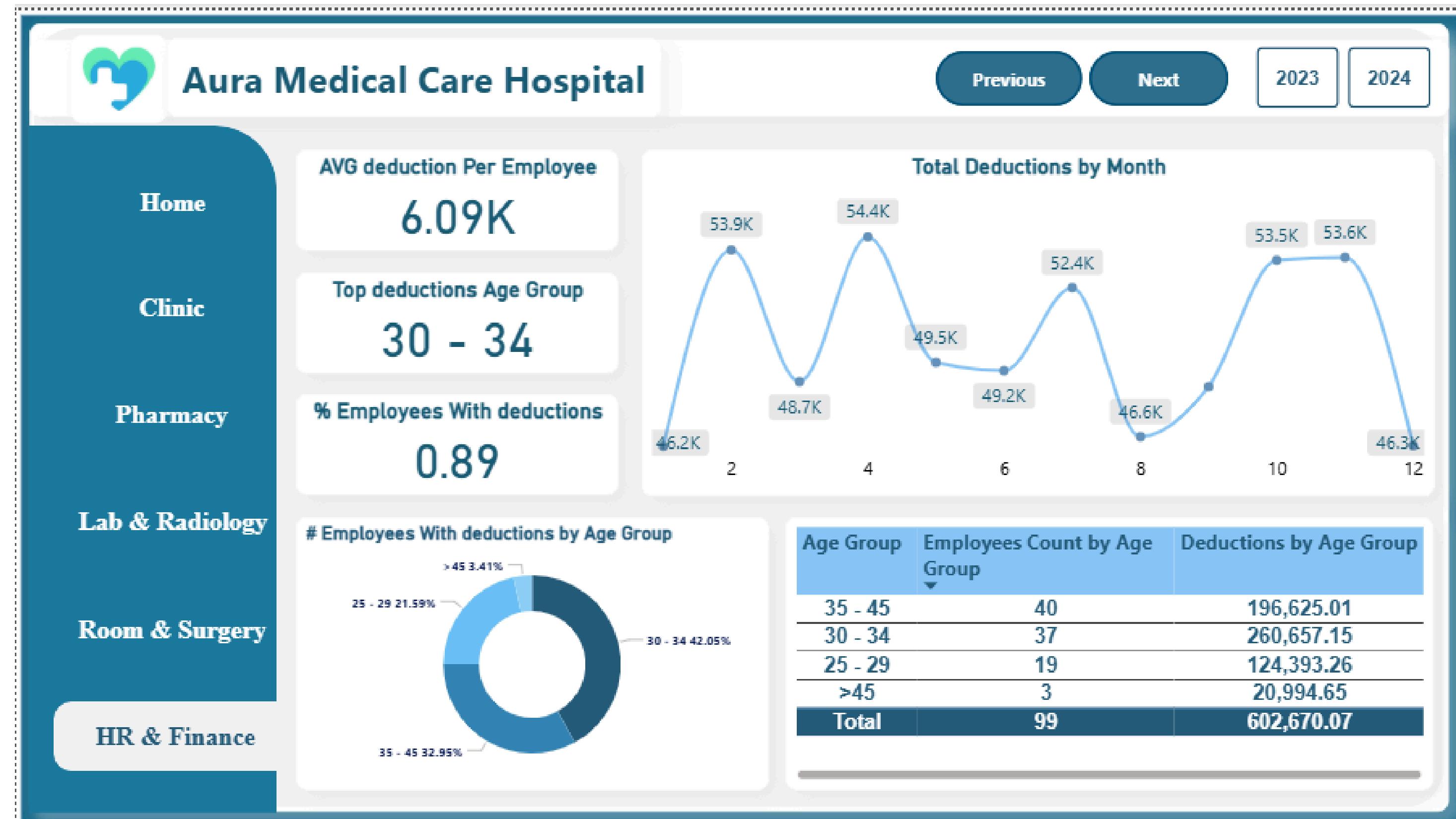
Aura Medical Care Hospital

[Previous](#)[Next](#)

2023

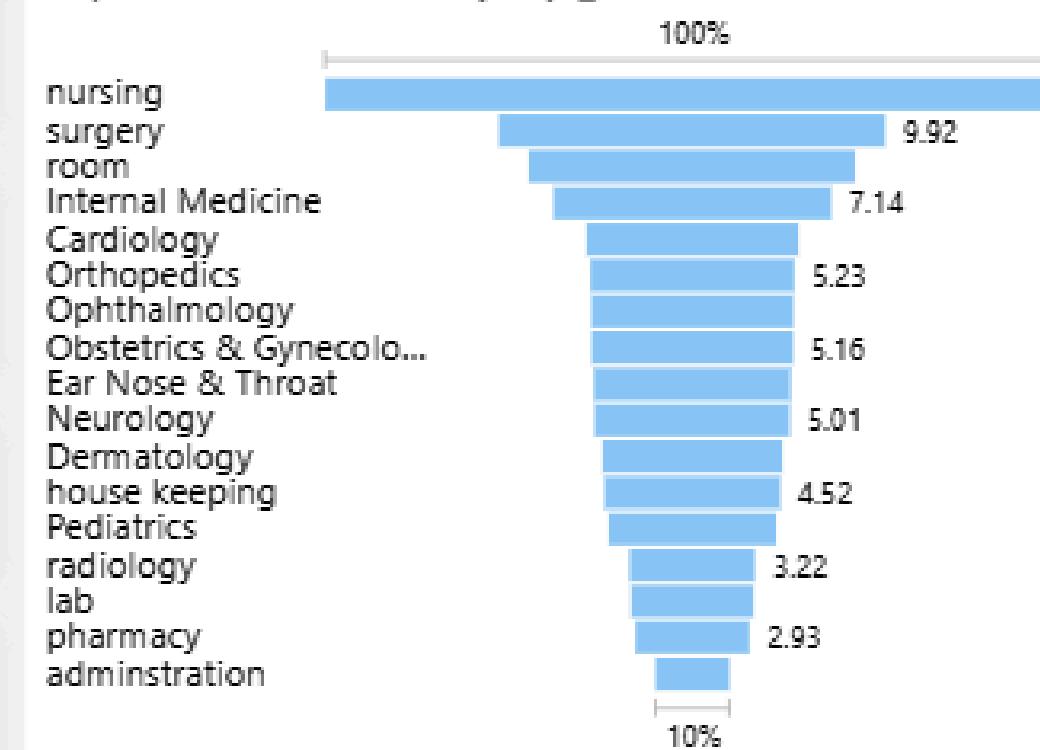
2024

[Home](#)[Clinic](#)[Pharmacy](#)[Lab & Radiology](#)[Room & Surgery](#)[HR & Finance](#)**AVG reward Per Employee****25.45K****Top rewards Age Group****35 - 45****% Employees With rewards****0.99****Total Rewards by MonthName****# Employees With rewards by gender****Rewards by Age Group**





Aura Medical Care Hospital

[Previous](#)
[Next](#)
[2023](#)
[2024](#)
[Home](#)
[Clinic](#)
[Pharmacy](#)
[Lab & Radiology](#)
[Room & Surgery](#)
[HR & Finance](#)
High Salaries
26
Intermediate Salaries
35
Low Salaries
38
Active Employees
99
Dept % Of Total Salaries by dept_name


fname	lname	Total Rewards	Total Deductions	Total Net Salary
Mostafa	Mohamed	56,012.15	12,606.48	1245662
mohamed	rafat	34,581.09	6,764.98	463416
Mostafa	rafat	33,923.16	7,055.03	475668
sara	mostafa	32,678.11	7,251.09	263027
ahmed	ali	32,020.91	6,980.42	388040
reem	tarek	31,705.72	7,531.61	525774
mohamed	abdelhamid	31,606.03	6,726.16	684880
ashraf	khalid	30,778.99	7,426.60	386352
Total		2,519,851.57	602,670.07	410,686,34

70	emp_id	34,581.09	Total Rewards
11	emp_id	33,923.16	Total Rewards
60	emp_id	32,678.11	Total Rewards
46	emp_id	32,020.91	Total Rewards
21	emp_id	31,705.72	Total Rewards
79	emp_id	10,982.45	Total Deductions
50	emp_id	10,275.20	Total Deductions
93	emp_id	9,517.55	Total Deductions
77	emp_id	9,500.17	Total Deductions

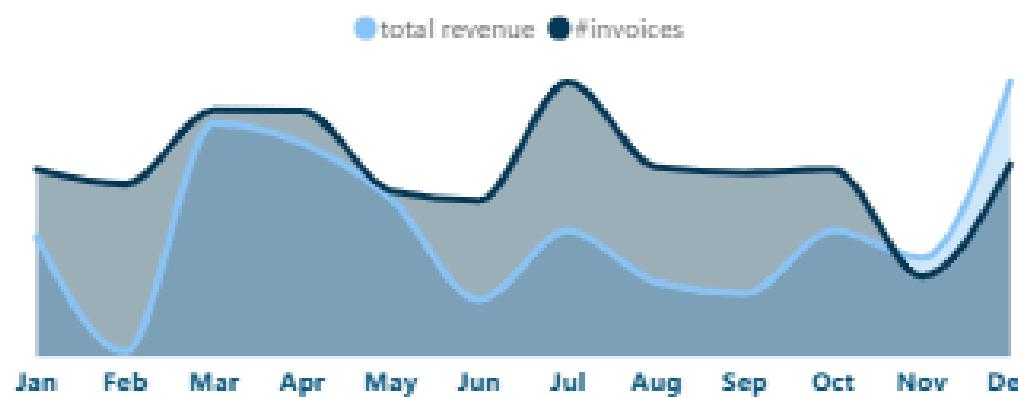
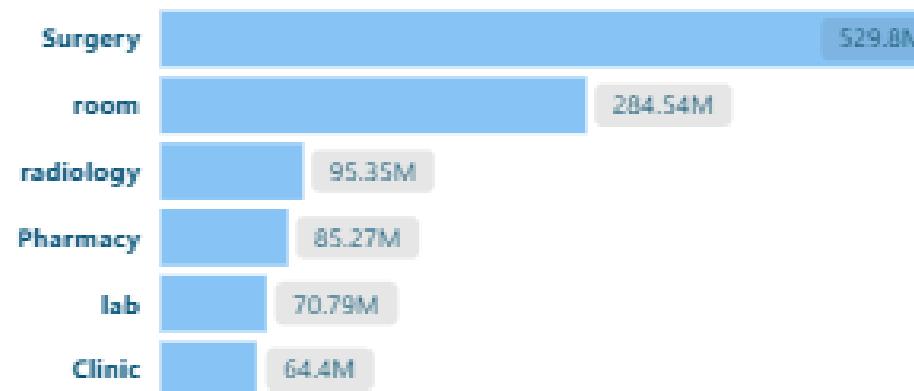
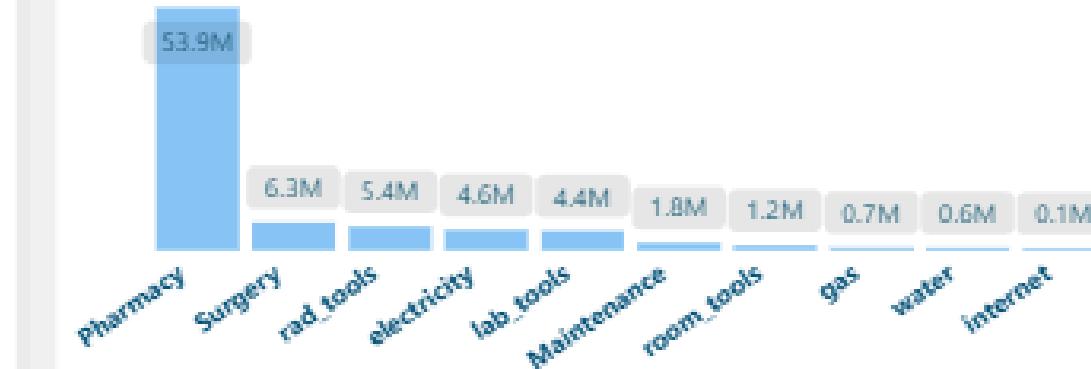


Aura Medical Care Hospital

[Previous](#)[Next](#)

2023

2024

[Home](#)[Clinic](#)[Pharmacy](#)[Lab & Radiology](#)[Room & Surgery](#)[HR & Finance](#)**Total Revenue****1.13bn****Total Expenses****78.9M****Profit****1.0bn****# Invoices****289K****total revenue and #invoices by MonthName****total revenue by dept_name****total revenue by reservation_type****Total Expenses by Expense_type**

Website

The screenshot shows the homepage of the AuraMedical website. At the top, there is a navigation bar with the AuraMedical logo (a blue square with a white heart icon), followed by links for Home, About, Departments, Doctors, Services (with a dropdown arrow), Contact, Log In, and a prominent Book Now button. Below the navigation is a large banner image of a hospital ward with several beds. Overlaid on the banner is the text "WORLD-CLASS HEALTHCARE" and a large, bold title "Healing with Excellence." A subtitle below the main title reads: "Experience advanced medical care with a personal touch. Our dedicated team of specialists is here to support your journey to recovery 24/7." A search bar with the placeholder "Find doctors, departments, or services..." is located in the lower-left area. Below the search bar are two buttons: "Explore Departments" and "Contact Us →". The bottom section features three white callout boxes with statistical information: "100+ EXPERT DOCTORS" (Top specialists in various fields), "15k+ HAPPY PATIENTS" (Trusted by the community), and "130+ SURGERIES DAILY" (State-of-the-art operation theaters). The footer includes a "Built with LMArena" link and some small icons.

AuraMedical
CARE HOSPITAL

Home About Departments Doctors Services Contact Log In Book Now

WORLD-CLASS HEALTHCARE

Healing with Excellence.

Experience advanced medical care with a personal touch. Our dedicated team of specialists is here to support your journey to recovery 24/7.

Find doctors, departments, or services...

Explore Departments Contact Us →

100+
EXPERT DOCTORS
Top specialists in various fields

15k+
HAPPY PATIENTS
Trusted by the community

130+
SURGERIES DAILY
State-of-the-art operation theaters

Built with LMArena



Comprehensive Medical Services

We provide a wide range of medical services to ensure your health is in the best hands.

Discover our centers of excellence.



Departments

Explore our specialized medical departments tailored for your specific health needs.

[Learn More](#)



Expert Doctors

Meet our team of highly qualified and experienced medical professionals.

[Find a Doctor](#)



Accommodation

Comfortable and well-equipped rooms ranging from Normal to VIP Suites.

[View Rooms](#)



Radiology Center

Advanced imaging services including X-Ray, MRI, and CT Scans.

[View Scans](#)



Laboratory

Precise and quick diagnostic tests to ensure accurate treatment.

[View Tests](#)



Surgery

State-of-the-art surgical procedures performed by top surgeons.

[View Procedures](#)





Our Departments

Our hospital consists of specialized departments providing comprehensive medical care using the latest technology and treatment protocols.



3 Doctors

Internal Medicine

Comprehensive care for adult diseases and chronic conditions

📞 +20-2-1234-5001

📅 Mon - Sun: 9:00 AM - 10:00 PM

[View Specialists](#)



3 Doctors

Pediatrics

Specialized medical care for infants, children, and adolescents

📞 +20-2-1234-5002

📅 Mon - Sun: 9:00 AM - 10:00 PM

[View Specialists](#)



3 Doctors

Obstetrics & Gynecology

Women's health, pregnancy care, and reproductive services

📞 +20-2-1234-5003

📅 Mon - Sun: 9:00 AM - 10:00 PM

[View Specialists](#)



3 Doctors

Ear Nose & Throat

Treatment of disorders affecting ears, nose, throat, and related structures



3 Doctors

Ophthalmology

Complete eye care including surgery and vision correction



3 Doctors

Dermatology

Diagnosis and treatment of skin, hair, and nail conditions



Find a Doctor

Search our directory of experienced specialists.

Pediatrics

Search doctor name...



Dr. Ahmed Sami

Pediatrics

9AM-4PM & 5PM-12AM

Sat, Mon, Tue, Thu, Fri

Fees: 500 EGP

For booking, please call the department. Online booking not available yet.

Call to Book



Dr. Mohamed Tarek

Pediatrics

5PM-12AM

Sat, Sun, Tue, Wed, Fri

Fees: 500 EGP

For booking, please call the department. Online booking not available yet.

Call to Book



Dr. Youssef Emad

Pediatrics

9AM-4PM & 5PM-12AM

Sun, Mon, Wed, Thu

Fees: 500 EGP

For booking, please call the department. Online booking not available yet.

Call to Book



ADVANCED CARE

Surgical Procedures

Search for a procedure...

Appendectomy

Cholecystectomy

C-Section

Knee Replacement

Cardiac Catheterization

Stent

Colectomy

Septoplasty

Thyroidectomy

Liver Transplant

Kidney Transplant

Tendon Repair

TAVR

Bronchoscopy with biopsy

Create Account



Join Aura Medical Care today

Full Name



John Doe

Email Address



name@example.com

Password



Create a password

Create Account

Already have an account? [Log in](#)

Create Account

Join Aura Medical Care today

Full Name



aura

Email Address



aura@gmail.com

Password



.....



Create Account

Already have an account? [Log in](#)

Account Created Successfully!

OK

Full Name



aura

Email Address



aura@gmail.com

Password



.....



Already have an account? [Log in](#)

Book Appointment

Fill in the details below to schedule your visit



PATIENT NAME *

PHONE NUMBER *

OK

DEPARTMENT *

DOCTOR *

DATE *

TIME *

Note:

Payment will be collected at the hospital counter. Please arrive 15 minutes before your scheduled appointment.

Confirm Appointment

Appointment Booked Successfully!

Fill in the details below to schedule your visit

PATIENT NAME *

PHONE NUMBER *

DEPARTMENT *

DOCTOR *

DATE *

TIME *

Note:

Payment will be collected at the hospital counter. Please arrive 15 minutes before your scheduled appointment.

Processing...

[Home](#)[About](#)[Departments](#)[Doctors](#)[Services](#) ▾[Contact](#)Welcome,
aura

My Appointments

Manage your scheduled visits

[+ New Booking](#)

DATE & TIME	DOCTOR INFO	PATIENT DETAILS	STATUS	ACTION
15 Dec 2025 00:01	Dr. Omar Khaled <small>Obstetrics & Gynecology</small>	aura <small>0100987532</small>	● Confirmed	
14 Dec 2025 10:00	Dr. Ali Hassan <small>Ear Nose & Throat</small>	aura <small>0100987532</small>	● Confirmed	



OPEN
24
HOURS

Thank
You