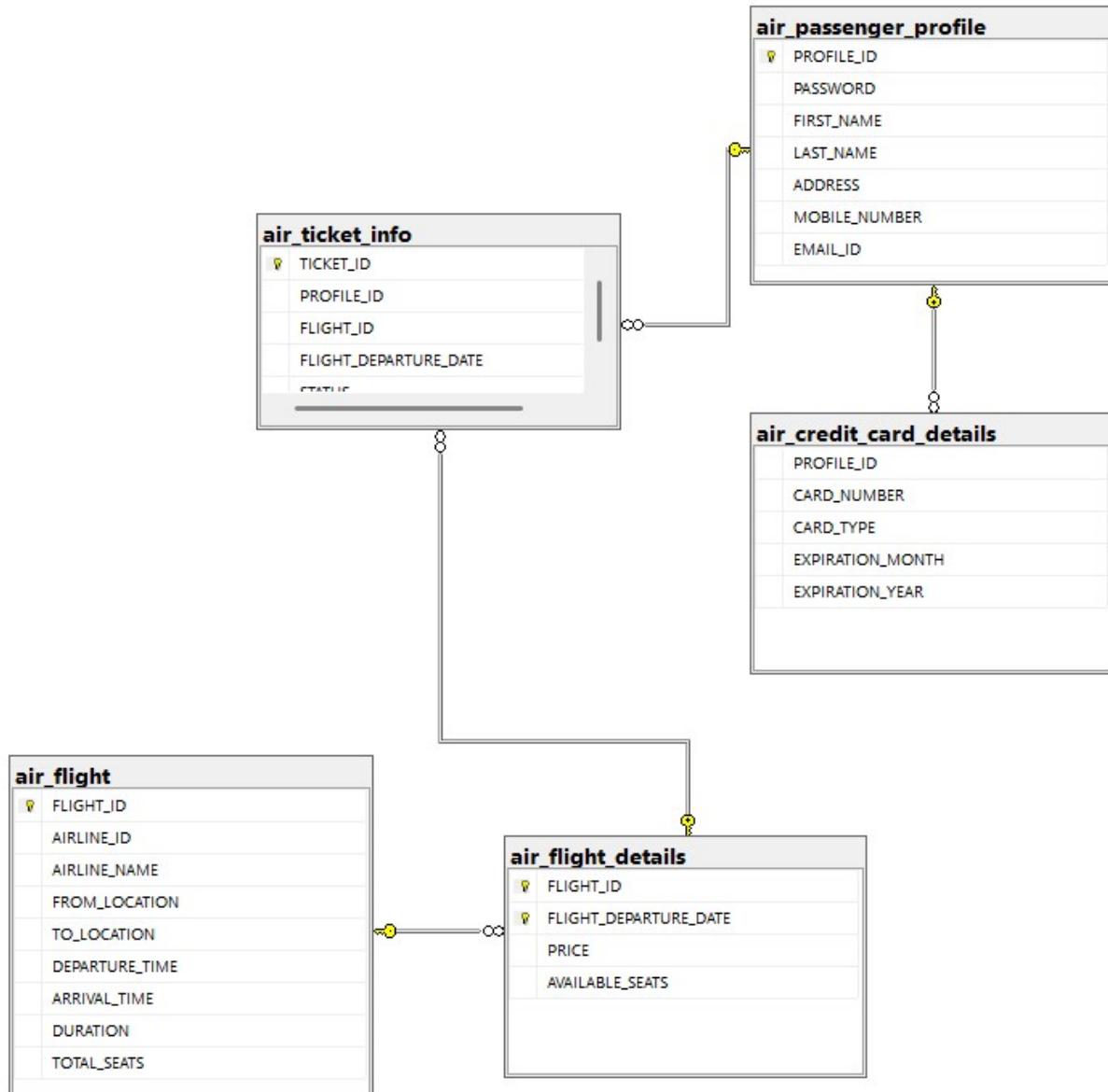


Name : U Ganesh Chowdari

Email : ganeshchowdary077@gmail.com

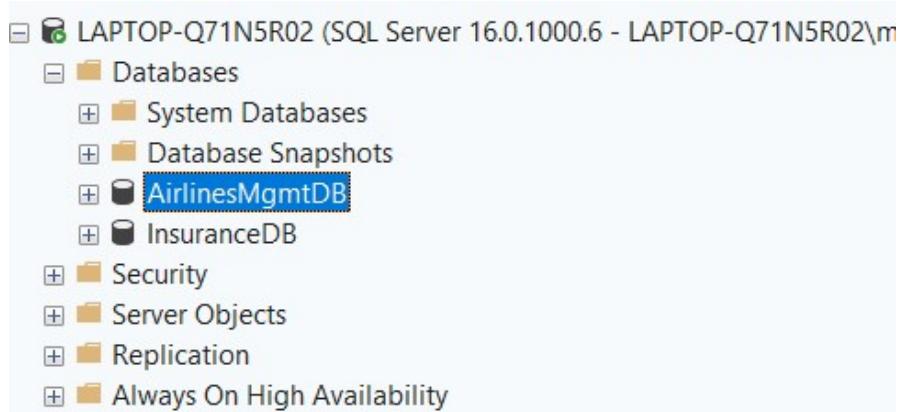
Date: 30-12-2025 - Day 3 Assignment



1. Create Database command.

Query: `CREATE DATABASE AirlinesMgmtDB;`

Output:



2. Create table commands for all the tables with constraints, relationships etc.

Queries:

```
-- air_flight Table
CREATE TABLE air_flight
(
    FLIGHT_ID VARCHAR(10) NOT NULL,
    AIRLINE_ID VARCHAR(10) NOT NULL,
    AIRLINE_NAME VARCHAR(30) NOT NULL,
    FROM_LOCATION VARCHAR(20) NOT NULL,
    TO_LOCATION VARCHAR(20) NOT NULL,
    DEPARTURE_TIME TIME,
    ARRIVAL_TIME TIME,
    DURATION TIME,
    TOTAL_SEATS INT,
    CONSTRAINT PK_flightID PRIMARY KEY (FLIGHT_ID)
);

-- air_passenger_profile Table
CREATE TABLE air_passenger_profile
(
    PROFILE_ID VARCHAR(10) NOT NULL,
    PASSWORD VARCHAR(10) NOT NULL,
    FIRST_NAME VARCHAR(10) NOT NULL,
    LAST_NAME VARCHAR(10) NOT NULL,
    ADDRESS VARCHAR(100) NOT NULL,
    MOBILE_NUMBER VARCHAR(10),
    EMAIL_ID VARCHAR(30),
    CONSTRAINT PK_profileID PRIMARY KEY (PROFILE_ID)
);
```

```

-- air_credit_card_details Table
CREATE TABLE air_credit_card_details
(
    PROFILE_ID VARCHAR(10) NOT NULL,
    CARD_NUMBER VARCHAR(16),
    CARD_TYPE VARCHAR(10),
    EXPIRATION_MONTH INT,
    EXPIRATION_YEAR INT,
    CONSTRAINT UNQ_profile_cardNum UNIQUE (PROFILE_ID, CARD_NUMBER),
    CONSTRAINT FK_creditCard_passengerProfile
        FOREIGN KEY (PROFILE_ID) REFERENCES air_passenger_profile(PROFILE_ID)
);

-- air_flight_details Table
CREATE TABLE air_flight_details
(
    FLIGHT_ID VARCHAR(10) NOT NULL,
    FLIGHT_DEPARTURE_DATE DATE NOT NULL,
    PRICE DECIMAL(10,2) NOT NULL,
    AVAILABLE_SEATS INT,
    CONSTRAINT PK_flightID_departureDate
        PRIMARY KEY(FLIGHT_ID,FLIGHT_DEPARTURE_DATE),
    CONSTRAINT FK_flightDetails_flight
        FOREIGN KEY (FLIGHT_ID) REFERENCES air_flight(FLIGHT_ID)
);

-- air_ticket_info Table
CREATE TABLE air_ticket_info
(
    TICKET_ID VARCHAR(10) NOT NULL,
    PROFILE_ID VARCHAR(10),
    FLIGHT_ID VARCHAR(10) NOT NULL,
    FLIGHT_DEPARTURE_DATE DATE NOT NULL,
    STATUS VARCHAR(20) NOT NULL,
    CONSTRAINT PK_ticketID
        PRIMARY KEY (TICKET_ID),
    CONSTRAINT FK_ticketInfo_passengerProfile
        FOREIGN KEY (PROFILE_ID) REFERENCES air_passenger_profile(PROFILE_ID),
    CONSTRAINT FK_ticketInfo_flightDetails
        FOREIGN KEY (FLIGHT_ID, FLIGHT_DEPARTURE_DATE) REFERENCES
            air_flight_details(FLIGHT_ID, FLIGHT_DEPARTURE_DATE)
);

```

3. Insert commands for all tables.

Query:

```
-- air_flight Data Insertion
INSERT INTO air_flight (FLIGHT_ID, AIRLINE_ID, AIRLINE_NAME, FROM_LOCATION,
TO_LOCATION, DEPARTURE_TIME, ARRIVAL_TIME, DURATION, TOTAL_SEATS) VALUES
('FL001', 'AL01', 'ABC Airlines', 'Chennai', 'Hyderabad', '08:00', '09:30',
'01:30', 150),
('FL002', 'AL01', 'ABC Airlines', 'Hyderabad', 'Chennai', '10:30', '12:00',
'01:30', 150),
('FL003', 'AL01', 'ABC Airlines', 'Bangalore', 'Chennai', '14:00', '15:00',
'01:00', 120),
('FL004', 'AL01', 'ABC Airlines', 'Delhi', 'Mumbai', '18:00', '20:15',
'02:15', 180),
('FL005', 'AL01', 'ABC Airlines', 'Chennai', 'Hyderabad', '21:00', '22:30',
'01:30', 150),
('FL006', 'AL01', 'ABC Airlines', 'Chennai', 'Hyderabad', '05:00', '06:30',
'01:30', 150);
```

Output:

	FLIGHT_ID	AIRLINE_ID	AIRLINE_NAME	FROM_LOCATION	TO_LOCATION	DEPARTURE_TIME	ARRIVAL_TIME	DURATION	TOTAL_SEATS
1	FL001	AL01	ABC Airlines	Chennai	Hyderabad	08:00:00.0000000	09:30:00.0000000	01:30:00.0000000	150
2	FL002	AL01	ABC Airlines	Hyderabad	Chennai	10:30:00.0000000	12:00:00.0000000	01:30:00.0000000	150
3	FL003	AL01	ABC Airlines	Bangalore	Chennai	14:00:00.0000000	15:00:00.0000000	01:00:00.0000000	120
4	FL004	AL01	ABC Airlines	Delhi	Mumbai	18:00:00.0000000	20:15:00.0000000	02:15:00.0000000	180
5	FL005	AL01	ABC Airlines	Chennai	Hyderabad	21:00:00.0000000	22:30:00.0000000	01:30:00.0000000	150
6	FL006	AL01	ABC Airlines	Chennai	Hyderabad	05:00:00.0000000	06:30:00.0000000	01:30:00.0000000	150

Query:

```
-- air_passenger_profile Data Insertion
INSERT INTO air_passenger_profile (PROFILE_ID, PASSWORD, FIRST_NAME,
LAST_NAME, ADDRESS, MOBILE_NUMBER, EMAIL_ID) VALUES
('P001', 'pass1', 'Arun', 'Kumar', 'Chennai, TN', '9876543210',
'arun@mail.com'),
('P002', 'pass2', 'Bala', 'Singh', 'Hyderabad, TS', '9876543211',
'bala@mail.com'),
('P003', 'pass3', 'Chitra', 'Devi', 'Bangalore, KA', '9876543212',
'chitra@mail.com'),
('P004', 'pass4', 'Deepak', 'Raj', 'Chennai, TN', '9876543213',
'deepak@mail.com'),
('P005', 'pass5', 'Esha', 'Reddy', 'Hyderabad, TS', '9876543214',
'esha@mail.com'),
('P006', 'pass6', 'Faisal', 'Khan', 'Delhi, DL', '9876543215',
'faisal@mail.com'),
('P007', 'pass7', 'Gita', 'Iyer', 'Chennai, TN', '9876543216',
'gita@mail.com'),
('P008', 'pass8', 'Hari', 'Prasad', 'Mumbai, MH', '9876543217',
'hari@mail.com');
```

Output:

	PROFILE_ID	PASSWORD	FIRST_NAME	LAST_NAME	ADDRESS	MOBILE_NUMBER	EMAIL_ID
1	P001	pass1	Arun	Kumar	Click to select the whole column	9876543211	arun@mail.com
2	P002	pass2	Bala	Singh	Hyderabad, TS	9876543211	bala@mail.com
3	P003	pass3	Chitra	Devi	Bangalore, KA	9876543212	chitra@mail.com
4	P004	pass4	Deepak	Raj	Chennai, TN	9876543213	deepak@mail.com
5	P005	pass5	Esha	Reddy	Hyderabad, TS	9876543214	esha@mail.com
6	P006	pass6	Faisal	Khan	Delhi, DL	9876543215	faisal@mail.com
7	P007	pass7	Gita	Iyer	Chennai, TN	9876543216	gita@mail.com
8	P008	pass8	Hari	Prasad	Mumbai, MH	9876543217	hari@mail.com

Query:

```
-- air_flight_details Data Insertion
INSERT INTO air_flight_details (FLIGHT_ID, FLIGHT_DEPARTURE_DATE, PRICE,
AVAILABLE_SEATS) VALUES
('FL001', '2025-03-15', 4500.00, 140),
('FL001', '2025-04-10', 4800.00, 135),
('FL001', '2025-04-20', 5200.00, 130),
('FL002', '2025-03-16', 4200.00, 145),
('FL003', '2025-04-12', 3500.00, 110),
('FL004', '2025-04-15', 6000.00, 170),
('FL005', '2025-03-20', 4600.00, 148),
('FL005', '2025-04-22', 4900.00, 142),
('FL006', '2025-04-05', 4700.00, 149),
('FL006', '2025-04-25', 5100.00, 145);
```

Output:

	FLIGHT_ID	FLIGHT_DEPARTURE_DATE	PRICE	AVAILABLE_SEATS
1	FL001	2025-03-15	4500.00	140
2	FL001	2025-04-10	4800.00	135
3	FL001	2025-04-20	5200.00	130
4	FL002	2025-03-16	4200.00	145
5	FL003	2025-04-12	3500.00	110
6	FL004	2025-04-15	6000.00	170
7	FL005	2025-03-20	4600.00	148
8	FL005	2025-04-22	4900.00	142
9	FL006	2025-04-05	4700.00	149
10	FL006	2025-04-25	5100.00	145

Query:

```
-- air_ticket_info Data Insertion
INSERT INTO air_ticket_info (TICKET_ID, PROFILE_ID, FLIGHT_ID,
FLIGHT_DEPARTURE_DATE, STATUS) VALUES
('T001', 'P001', 'FL001', '2025-03-15', 'CONFIRMED'),
('T002', 'P001', 'FL005', '2025-03-20', 'CONFIRMED'),
('T003', 'P001', 'FL001', '2025-04-10', 'CONFIRMED'),
('T004', 'P001', 'FL006', '2025-04-05', 'CONFIRMED'),
('T005', 'P001', 'FL006', '2025-04-25', 'CONFIRMED'),
('T006', 'P002', 'FL001', '2025-04-10', 'CONFIRMED'),
('T007', 'P003', 'FL005', '2025-04-22', 'CONFIRMED'),
('T008', 'P004', 'FL006', '2025-04-05', 'CONFIRMED'),
('T009', 'P007', 'FL006', '2025-04-25', 'CONFIRMED'),
('T010', 'P008', 'FL001', '2025-04-20', 'CONFIRMED'),
('T011', 'P005', 'FL002', '2025-03-16', 'CONFIRMED'),
('T012', 'P006', 'FL004', '2025-04-15', 'CONFIRMED'),
('T013', 'P002', 'FL003', '2025-04-12', 'CONFIRMED'),
('T014', 'P003', 'FL004', '2025-04-15', 'CONFIRMED'),
('T015', 'P004', 'FL002', '2025-03-16', 'CONFIRMED');
```

Output:

	TICKET_ID	PROFILE_ID	FLIGHT_ID	FLIGHT_DEPARTURE_DATE	STATUS
1	T001	P001	FL001	2025-03-15	CONFIRMED
2	T002	P001	FL005	2025-03-20	CONFIRMED
3	T003	P001	FL001	2025-04-10	CONFIRMED
4	T004	P001	FL006	2025-04-05	CONFIRMED
5	T005	P001	FL006	2025-04-25	CONFIRMED
6	T006	P002	FL001	2025-04-10	CONFIRMED
7	T007	P003	FL005	2025-04-22	CONFIRMED
8	T008	P004	FL006	2025-04-05	CONFIRMED
9	T009	P007	FL006	2025-04-25	CONFIRMED
10	T010	P008	FL001	2025-04-20	CONFIRMED
11	T011	P005	FL002	2025-03-16	CONFIRMED
12	T012	P006	FL004	2025-04-15	CONFIRMED
13	T013	P002	FL003	2025-04-12	CONFIRMED
14	T014	P003	FL004	2025-04-15	CONFIRMED
15	T015	P004	FL002	2025-03-16	CONFIRMED

1. Write a query to display the average monthly Ticket cost for each flight in ABC Airlines. The query should display the Flight_Id, From_Location, To_Location, Month Name as "Month_Name" and average price as "Average_Price". Display the records sorted in ascending order based on flight id and then by Month Name.

Query:

```

SELECT
    af.FLIGHT_ID,
    af.FROM_LOCATION,
    af.TO_LOCATION,
    DATENAME(MONTH,afd.FLIGHT_DEPARTURE_DATE) AS [Month_Name],
    AVG(afd.PRICE) AS [Average_Price]
FROM air_flight af
JOIN air_flight_details afd
    ON af.FLIGHT_ID = afd.FLIGHT_ID
GROUP BY
    DATENAME(MONTH,afd.FLIGHT_DEPARTURE_DATE),
    af.FLIGHT_ID,
    af.FROM_LOCATION,
    af.TO_LOCATION
ORDER BY
    af.FLIGHT_ID,
    Month_Name;

```

Output:

	FLIGHT_ID	FROM_LOCATION	TO_LOCATION	Month_Name	Average_Price
1	FL001	Chennai	Hyderabad	April	5000.000000
2	FL001	Chennai	Hyderabad	March	4500.000000
3	FL002	Hyderabad	Chennai	March	4200.000000
4	FL003	Bangalore	Chennai	April	3500.000000
5	FL004	Delhi	Mumbai	April	6000.000000
6	FL005	Chennai	Hyderabad	April	4900.000000
7	FL005	Chennai	Hyderabad	March	4600.000000
8	FL006	Chennai	Hyderabad	April	4900.000000

2. Write a query to display the customer(s) who has/have booked least number of Tickets in ABC Airlines. The Query should display profile_id, customer's first_name, Address and Number of Tickets booked as "No_of_Tickets". Display the records sorted in ascending order based on customer's first name.

Query:

```
SELECT
    app.PROFILE_ID,
    app.FIRST_NAME,
    app.ADDRESS,
    COUNT(ati.TICKET_ID) AS [No_of_Tickets]
FROM air_ticket_info ati
JOIN air_passenger_profile app
    ON ati.PROFILE_ID = app.PROFILE_ID
GROUP BY app.PROFILE_ID, app.FIRST_NAME, app.ADDRESS
HAVING COUNT(ati.TICKET_ID) =
    (SELECT TOP 1 COUNT(TICKET_ID)
     FROM air_ticket_info
     GROUP BY PROFILE_ID
     ORDER BY COUNT(TICKET_ID))
ORDER BY
    No_of_Tickets,
    app.FIRST_NAME;
```

Output:

Results				
	PROFILE_ID	FIRST_NAME	ADDRESS	No_of_Tickets
1	P005	Esha	Hyderabad, TS	1
2	P006	Faisal	Delhi, DL	1
3	P007	Gita	Chennai, TN	1
4	P008	Hari	Mumbai, MH	1

3. Write a query to display the number of flight services between locations in a month. The Query should display From_Location, To_Location, Month as "Month_Name" and number of flight services as "No_of_Services". Hint: The Number of Services can be calculated from the number of scheduled departure dates of a flight. The records should be displayed in ascending order based on From_Location and then by To_Location and then by month name.

Query:

```
SELECT
    af.FROM_LOCATION,
    af.TO_LOCATION,
    DATENAME(MONTH, afd.FLIGHT_DEPARTURE_DATE) AS [Month_Name],
    COUNT(afd.FLIGHT_DEPARTURE_DATE) AS [No_of_Services]
FROM air_flight_details afd
JOIN air_flight af
    ON afd.FLIGHT_ID = af.FLIGHT_ID
GROUP BY af.FROM_LOCATION, af.TO_LOCATION,
DATENAME(MONTH, afd.FLIGHT_DEPARTURE_DATE)
ORDER BY FROM_LOCATION, TO_LOCATION, Month_Name
```

Output:

	FROM_LOCATION	TO_LOCATION	Month_Name	No_of_Services
1	Bangalore	Chennai	April	1
2	Chennai	Hyderabad	April	5
3	Chennai	Hyderabad	March	2
4	Delhi	Mumbai	April	1
5	Hyderabad	Chennai	March	1

4. Write a query to display the customer(s) who has/have booked maximum number of Tickets in ABC Airlines. The Query should display profile_id, customer's first_name, Address and Number of Tickets booked as "No_of_Tickets". Display the records in ascending order based on customer's first name.

Query:

```
SELECT
    app.PROFILE_ID,
    app.FIRST_NAME,
    app.ADDRESS,
    COUNT(ati.TICKET_ID) AS [No_of_Tickets]
FROM air_passenger_profile app
JOIN air_ticket_info ati
    ON app.PROFILE_ID = ati.PROFILE_ID
GROUP BY app.PROFILE_ID, app.FIRST_NAME, app.ADDRESS
HAVING COUNT(ati.TICKET_ID) =
    (SELECT TOP 1 COUNT(TICKET_ID)
     FROM air_ticket_info
     GROUP BY PROFILE_ID
     ORDER BY COUNT(TICKET_ID) DESC)
ORDER BY app.FIRST_NAME
```

Output:

	PROFILE_ID	FIRST_NAME	ADDRESS	No_of_Tickets
1	P001	Arun	Chennai, TN	5

5. Write a query to display the number of Tickets booked from Chennai to Hyderabad. The Query should display passenger profile_id,first_name,last_name, Flight_Id , Departure_Date and number of Tickets booked as “No_of_Tickets”. Display the records sorted in ascending order based on profile id and then by flight id and then by departure date.

Query:

```
SELECT
    app.PROFILE_ID,
    app.FIRST_NAME,
    app.LAST_NAME,
    afd.FLIGHT_ID,
    afd.FLIGHT_DEPARTURE_DATE,
    COUNT(ati.TICKET_ID) AS [No_of_Tickets]
FROM air_passenger_profile app
JOIN air_ticket_info ati
    ON app.PROFILE_ID = ati.PROFILE_ID
JOIN air_flight_details afd
    ON ati.FLIGHT_ID = afd.FLIGHT_ID AND ati.FLIGHT_DEPARTURE_DATE =
afd.FLIGHT_DEPARTURE_DATE
JOIN air_flight af
    ON afd.FLIGHT_ID = af.FLIGHT_ID
WHERE af.FROM_LOCATION = 'Chennai' AND af.TO_LOCATION = 'Hyderabad'
GROUP BY app.PROFILE_ID, app.FIRST_NAME, app.LAST_NAME, afd.FLIGHT_ID,
afd.FLIGHT_DEPARTURE_DATE
    ORDER BY app.PROFILE_ID, afd.FLIGHT_ID, afd.FLIGHT_DEPARTURE_DATE
```

Output:

	PROFILE_ID	FIRST_NAME	LAST_NAME	FLIGHT_ID	FLIGHT_DEPARTURE_DATE	No_of_Tickets
1	P001	Arun	Kumar	FL001	2025-03-15	1
2	P001	Arun	Kumar	FL001	2025-04-10	1
3	P001	Arun	Kumar	FL005	2025-03-20	1
4	P001	Arun	Kumar	FL006	2025-04-05	1
5	P001	Arun	Kumar	FL006	2025-04-25	1
6	P002	Bala	Singh	FL001	2025-04-10	1
7	P003	Chitra	Devi	FL005	2025-04-22	1
8	P004	Deepak	Raj	FL006	2025-04-05	1
9	P007	Gita	Iyer	FL006	2025-04-25	1
10	P008	Hari	Prasad	FL001	2025-04-20	1

6. Write a query to display flight id,from location, to location and Ticket price of flights whose departure is in the month of april.

Query:

```
SELECT
    af.FLIGHT_ID,
    af.FROM_LOCATION,
    af.TO_LOCATION,
    afd.PRICE
FROM air_flight af
JOIN air_flight_details afd
    ON af.FLIGHT_ID = afd.FLIGHT_ID
    WHERE DATENAME(MONTH, afd.FLIGHT_DEPARTURE_DATE) = 'April'
```

Output:

	FLIGHT_ID	FROM_LOCATION	TO_LOCATION	PRICE
1	FL001	Chennai	Hyderabad	4800.00
2	FL001	Chennai	Hyderabad	5200.00
3	FL003	Bangalore	Chennai	3500.00
4	FL004	Delhi	Mumbai	6000.00
5	FL005	Chennai	Hyderabad	4900.00
6	FL006	Chennai	Hyderabad	4700.00
7	FL006	Chennai	Hyderabad	5100.00

7. Write a query to display the average cost of the Tickets in each flight on all scheduled dates. The query should display flight_id, from_location, to_location and Average price as "Price". Display the records sorted in ascending order based on flight id and then by from_location and then by to_location.

Query:

```
SELECT
    af.FLIGHT_ID,
    af.FROM_LOCATION,
    af.TO_LOCATION,
    AVG(afd.PRICE) AS [Price]
FROM air_flight af
JOIN air_flight_details afd
    ON af.FLIGHT_ID = afd.FLIGHT_ID
GROUP BY af.FLIGHT_ID, af.FROM_LOCATION, af.TO_LOCATION
    ORDER BY af.FLIGHT_ID, af.FROM_LOCATION, af.TO_LOCATION
```

Output:

	FLIGHT_ID	FROM_LOCATION	TO_LOCATION	Price
1	FL001	Chennai	Hyderabad	4833.333333
2	FL002	Hyderabad	Chennai	4200.000000
3	FL003	Bangalore	Chennai	3500.000000
4	FL004	Delhi	Mumbai	6000.000000
5	FL005	Chennai	Hyderabad	4750.000000
6	FL006	Chennai	Hyderabad	4900.000000

8. Write a query to display the customers who have booked Tickets from Chennai to Hyderabad. The query should display profile_id, customer_name (combine first_name & last_name with comma in b/w), address of the customer. Give an alias to the name as customer_name. Hint: Query should fetch unique customers irrespective of multiple Tickets booked. Display the records sorted in ascending order based on profile id.

Query:

```

SELECT
    app.PROFILE_ID,
    CONCAT(app.FIRST_NAME, ' ', app.LAST_NAME) AS [CUSTOMER_NAME],
    app.ADDRESS
FROM air_passenger_profile app
JOIN air_ticket_info ati
    ON app.PROFILE_ID = ati.PROFILE_ID
JOIN air_flight_details afd
    ON ati.FLIGHT_DEPARTURE_DATE = afd.FLIGHT_DEPARTURE_DATE AND ati.FLIGHT_ID =
    afd.FLIGHT_ID
JOIN air_flight af
    ON afd.FLIGHT_ID = af.FLIGHT_ID
WHERE af.FROM_LOCATION = 'Chennai' AND af.TO_LOCATION = 'Hyderabad'
GROUP BY app.PROFILE_ID, app.FIRST_NAME, app.LAST_NAME, app.ADDRESS
ORDER BY PROFILE_ID

```

Output:

	PROFILE_ID	CUSTOMER_NAME	ADDRESS
1	P001	Arun, Kumar	Chennai, TN
2	P002	Bala, Singh	Hyderabad, TS
3	P003	Chitra, Devi	Bangalore, KA
4	P004	Deepak, Raj	Chennai, TN
5	P007	Gita, Iyer	Chennai, TN
6	P008	Hari, Prasad	Mumbai, MH

9. Write a query to display profile id of the passenger(s) who has/have booked maximum number of Tickets. In case of multiple records, display the records sorted in ascending order based on profile id.

Query:

```

SELECT
    app.PROFILE_ID
FROM air_passenger_profile app
JOIN air_ticket_info ati
    ON app.PROFILE_ID = ati.PROFILE_ID
GROUP BY app.PROFILE_ID
HAVING COUNT(*) = (
    SELECT MAX(TicketCount)
    FROM (
        SELECT COUNT(*) AS TicketCount
        FROM air_ticket_info
        GROUP BY PROFILE_ID
    ) AS Counts)
ORDER BY PROFILE_ID;

```

Output:

	PROFILE_ID
1	P001

10. Write a query to display the total number of Tickets as “No_of_Tickets” booked in each flight in ABC Airlines. The Query should display the flight_id, from_location, to_location and the number of Tickets. Display only the flights in which atleast 1 Ticket is booked. Display the records sorted in ascending order based on flight id.

Query:

```
SELECT
    af.FLIGHT_ID,
    af.FROM_LOCATION,
    af.TO_LOCATION,
    COUNT(ati.TICKET_ID) AS [No_of_Tickets]
FROM air_flight af
JOIN air_flight_details afd
    ON af.FLIGHT_ID = afd.FLIGHT_ID
JOIN air_ticket_info ati
    ON afd.FLIGHT_ID = ati.FLIGHT_ID AND afd.FLIGHT_DEPARTURE_DATE =
        ati.FLIGHT_DEPARTURE_DATE
WHERE af.AIRLINE_NAME = 'ABC Airlines'
GROUP BY af.FLIGHT_ID, af.FROM_LOCATION, af.TO_LOCATION
ORDER BY af.FLIGHT_ID
```

Output:

Results				
	FLIGHT_ID	FROM_LOCATION	TO_LOCATION	No_of_Tickets
1	FL001	Chennai	Hyderabad	4
2	FL002	Hyderabad	Chennai	2
3	FL003	Bangalore	Chennai	1
4	FL004	Delhi	Mumbai	2
5	FL005	Chennai	Hyderabad	2
6	FL006	Chennai	Hyderabad	4