Group 7: Global Flight Network Database

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INFO 5707.001: Data Modelling for Information Professionals

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PROJECT DESCRIPTION

Aviation is one of transportation that essentially connects countries, people, and goods. Today, with the growing diversity and multiculturalism, a vast population takes flights from airports around the world. In correlation with these numbers, more airlines are emerging, and the business potential in this field is significant. Understanding people's movements and trends can be crucial for developing businesses across various fields. However, with the massive amount of data, it is challenging to manage this information in a structured format that facilitates multiple connections between categories.

Our project aims to address this issue by creating a comprehensive database, the Global Flight Network Database (GFND), to meet the varied needs of many stakeholders in the aviation sector and beyond. Our primary target is "Tourism Boards and Destination Marketing Organizations (DMOs)," and our goal is to enable these entities to leverage data from the worldwide travel and tourism industry to improve customer experiences, drive strategic decision-making, and stimulate innovation. This database can serve as a valuable tool for identifying popular locations, understanding travel trends, and creating targeted marketing campaigns for various stakeholders, such as travel agents, restaurants, and shops at airports. By analyzing passenger demographics, booking patterns, and airline routes, Tourism Boards and DMOs can tailor their marketing strategies to target travelers from specific areas or demographic groups. For example, insights from the Flight Network Database could inform decisions about offering food options at airports that align with the preferences of key visitor demographics, enhancing the overall tourism experience and increasing visitor engagement.

Similarly, the database can be utilized by groups such as business analysts, market research firms, and researchers and academics interested in exploring aspects of tourism, transportation, the economy, and environmental implications.

In conclusion, the primary goal of this project is to benefit Tourism Boards and Destination Marketing Organizations through the Global Flight Network Database. Additionally, it offers extensive data and analytics capabilities that enable stakeholders to explore new opportunities, foster innovation, and make informed decisions that improve the overall travelers' experience and support the sustainable growth of the aviation sector.

OBJECTIVES

1. **Centralized Data Management:** GFND collects, updates, and maintains datasets from many sources, including outside vendors, airports, and airlines. These datasets include a wealth of data, including aircraft schedules, passenger demographics, and operational statistics, to provide stakeholders with a comprehensive picture of the aviation industry.

2. **Inventory Management:** Within the aviation network, GFND keeps track of the whereabouts and availability of aircraft, routes, and other resources. This makes it possible for all parties involved to guarantee seamless operations, optimize flight schedules, and manage resources effectively.

3. **Out-of-Stock Notification:** GFND promptly detects possible flight schedule interruptions, including aircraft maintenance or route closures, and notifies the appropriate parties to give resolution priority and reduce inconvenience to passengers.
4. **Demand Forecasting:** GFND uses past data and industry trends to project future demand for flights, routes, and services. This makes it possible for airports and airlines to plan capacity increases, allocate resources optimally, and effectively adapt to changing customer needs.
5. **Space Utilisation Optimisation:** To optimize flight schedules, maximize aircraft occupancy, and make effective use of airport infrastructure, GFND identifies popular routes, peak travel seasons, and growing travel patterns.
6. **Personnel Management:** To guarantee appropriate staffing levels, maximize workforce efficiency, and uphold high standards of service quality and safety, GFND manages personnel information, work schedules, and training requirements.
7. **Customer relationship management:** To improve customer happiness, loyalty, and retention, GFND finds a profile of devoted customers, examines their preferences and behaviors, and arranges tailored services and focused marketing initiatives.
8. **Real-time Updates and Tracking:** GFND minimizes disruptions and enables airlines, airports, and travelers to respond swiftly to changing circumstances by providing them with real-time updates on flight status, delays, cancellations, and other relevant information.
9. **Maintenance and Monitoring of Aviation Equipment:** GFND monitors the state of aircraft, airport infrastructure, and other aviation network-connected equipment to guarantee safe and dependable operations. This allows it to schedule maintenance, cut down on downtime, and arrange repairs.

SCOPE

- Centralized source for all the data related to the aviation sector.
- Combining several datasets from airports, airlines, and outside sources.
- Information in real-time on operational events, route modifications, and flight schedules.
- Ongoing data upkeep to guarantee completeness and correctness.
- Advanced analytics enable a thorough examination of industry trends and travel trends.
- Service personalization and marketing initiatives based on client segmentation.
- Workforce management, capacity planning, and resource allocation optimization.
- Encouraging cooperation and information sharing amongst industry participants.
- Scalability to meet changing business needs and increasing data volumes.
- Adaptability to novel data sources, analytical methods, and technologies.
- Support for industry standards and compliance with regulations.

- Improvement of corporate performance, customer happiness, and operational efficiency.

PROJECT REQUIREMENTS

- Operating System: Windows
- Database: MySQL
- Applications: MYSQL Workbench, draw.io, MS Word

DATABASE REQUIREMENTS

We created the following tables in our databases to conduct analytics on the global flight network.

1. PASSENGER Table
2. FLIGHT Table
3. BOOKING Table
4. PAYMENT Table
5. AIRPORT Table
6. AIRPLANE Table
7. AIRLINE Table
8. AIRLINE_AIRPLANE Table (Bridge table between AIRLINE and AIRPLANE Table)

USER REQUIREMENTS

- The database will automatically create a unique passenger record for every single passenger, which tourism boards can use to track traveler preferences and history.
- Generate a unique booking ID for each reservation made through tourism board channels, enabling precise tracking and management of travel itineraries.
- Provide a self-service portal for travelers to update their personal information, ensuring that the tourism boards have access to the most current data for communication and logistics.
- Allow travelers associated with tourism boards to access detailed information on their bookings, including flight details, through a user-friendly interface.
- Generate automated reports that give tourism boards insight into daily travel activities, which can be used for resource allocation and strategic planning.
- Produce comprehensive operational reports including detailed passenger information, to assist tourism boards in managing group travels and events.
- Enable tourism boards to manage group bookings, including monitoring seat availability and managing waitlists or overbookings.
- Allow tourism boards to access location-based data within airports to improve traveler guidance and manage logistics for tours and group travels.
- Keep tourism boards updated with real-time flight statuses so they can communicate timely information to travelers and manage any necessary adjustments to travel plans.

- Allow data analysts working for tourism boards to analyze travel patterns, popular destinations, and customer feedback to shape marketing and development strategies.
- The database should support multi-language functionality and currency conversion to serve international travelers coordinated by tourism boards.

BUSINESS RULES

1. All flights must have a unique identifier (flight number or code).
2. Departure and arrival airports for each flight must be valid and recognized airports in the database.
3. Aircraft assigned to flights must be available and compatible with the route.
4. Flight schedules must not overlap for the same aircraft.
5. Passenger and crew manifests must be accurate and match flight details.
6. Flights cannot be scheduled during maintenance periods for airports or aircraft.
7. Passengers must provide valid identification and travel documents for booking.
8. Ticket prices must adhere to predefined fare structures.
9. Seats must not be overbooked beyond the aircraft's capacity.
10. Tickets must be issued within a certain time frame before the flight departure.
11. Modifications to bookings (such as changes in dates, seats, or cancellations) must adhere to predefined policies and deadlines.
12. Passenger and crew background checks must be conducted before boarding.
13. Payments for tickets must be processed securely and in compliance with financial regulations.
14. Revenue recognition must follow accounting standards, considering factors like ticket sales, ancillary services, and refunds.
15. Exchange rates for international transactions must be up-to-date and accurate.
16. Flights must comply with international aviation regulations and agreements.
17. Flight routes and operations must adhere to airspace regulations and restrictions.
18. Aircraft maintenance must comply with regulatory maintenance schedules and standards.
19. Flights must be scheduled with adequate turnaround time between arrivals and departures.
20. Weather conditions and air traffic control restrictions must be considered when scheduling flights.
21. Effective communication protocols must be established between air traffic control, airports, and aircraft.
22. Passengers must be informed promptly of any changes to their flight schedule or disruptions.
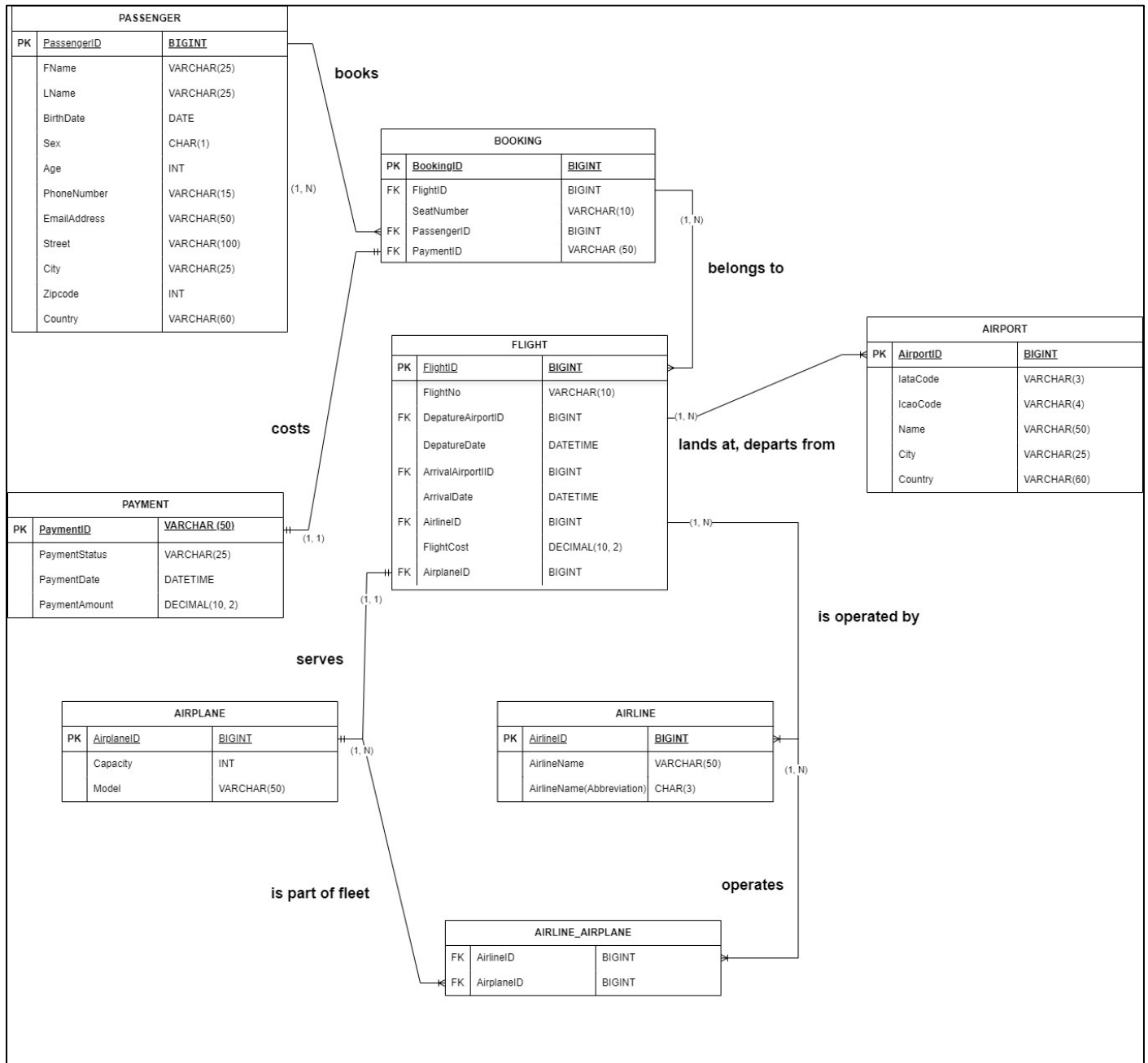
ENTITY RELATIONSHIP DIAGRAM (ERD)

Table 1: Components of the ERM

Entity	Relationship	Connectivity	Entity
PASSENGER	Books	1:M	BOOKING
PAYMENT	Costs	1:1	BOOKING
BOOKING	Belongs to	1:M	FLIGHT
FLIGHT	Lands at, Departs from	1:M	AIRPORT
FLIGHT	Is operated by	1:M	AIRLINE

FLIGHT	Serves	1:1	AIRPLANE
AIRPLANE	Is part of fleet	1:M	AIRLINE_AIRPLANE
AIRLINE	Operates	1:M	AIRLINE_AIRPLANE

Note: The AIRLINE_AIRPLANE table is the bridge table between the AIRPLANE table and the AIRLINE table to convert the M: N Relationship into two 1: M Relationships.

DATA DICTIONARY

For any kind of data management system, the "data dictionary" is the most important component that helps the users to gain easy access to the entity table attributes and find their data types and keys (primary or foreign). The following are some of the key features of a data dictionary:

1. Helps in providing detailed information regarding attributes like description, data type, format, range, and others.
2. Assures data consistency by providing validation rules.
3. It also enhances data governance by providing transparency in data and by facilitating regulatory compliance.

Table 2: Data Dictionary

SNO.	Table Name	Attribute Name	Description	Type	Format	Range	Required	PK or FK	FK Reference Table
1	PASSENGERS	PassengerID	Identification number of the passenger	BIGINT	9999999999999	-2^{63} to 2^{63}	Y	PK	
		FName	First name of the passenger	VARCHAR (25)	Xxxx		Y		
		LName	Last name of the passenger	VARCHAR (25)	Xxxx		Y		
		BirthDate	Date of birth of the passenger	DATE	MM/DD/ YYYY		Y		
		Sex	Gender of the passenger	CHAR (1)	F/M		Y		
		Age	Age of the passenger	INT	13	0-150	N		
		PhoneNumber	Phone number of the passenger	VARCHAR (15)	xxxxxxxxx		Y		

No.	Table	Attribute	Description	Data Type	Format	Range	Null (Y/N)	Key	Related Table
		EmailAddress	Email address of the passenger	VARCHAR (50)	Xxx1x@		Y		
		Street	Street name of the passenger	VARCHAR (100)	xxxxxx		N		
		City	City name of the passenger	VARCHAR (25)	Xxxx		Y		
		ZipCode	Postal code of the passenger's address	INT	99999		Y		
		Country	Name of the passenger's country	VARCHAR (60)	Xxxxx		Y		
2	BOOKING	BookingID	Identification number of flight booking	BIGINT	9999999999 9999	-2^{63} to 2^{63}	Y	PK	
		FlightID	Identification number of flight	BIGINT	9999999999 9999	-2^{63} to 2^{63}	Y	FK1	FLIGHT
		SeatNumber	Allocated seat number in flight	VARCHAR (10)	A32		Y		
		PassengerID	Identification number of the passenger	BIGINT	9999999999 9999	-2^{63} to 2^{63}	Y	FK2	PASSENGERS
		PaymentID	Identification number for the payment made	VARCHAR (50)	9999999999 9999	-2^{63} to 2^{63}	Y	FK3	PAYMENT
3	FLIGHT	FlightID	Identification number of flight	BIGINT	9999999999 9999	-2^{63} to 2^{63}	Y	PK	
		FlightNo	Number allocated to the flight	VARCHAR (10)	Xxxx2		Y		
		Departure AirportID	Identification number of the Departure's Airport	BIGINT	9999999999 9999	-2^{63} to 2^{63}	Y	FK1	AIRPORT
		Departure Date	Date of Departure	DATETIME	YYYY-MM-DD HH:MI:SS		Y		
		ArrivalAirport ID	Identification number of the Arrival's Airport	BIGINT	9999999999 9999	-2^{63} to 2^{63}	Y	FK2	AIRPORT
		ArrivalDate	Date of Arrival	DATETIME	YYYY-MM-DD HH:MI:SS		Y		
		AirlineID	Identification Number of Airline	BIGINT	9999999999 9999	-2^{63} to 2^{63}	Y	FK3	AIRLINE

#	Table	Field	Description	Data Type	Format	Range		Key	Reference
		Flightcost	Cost of the flight	DECIMAL (10,2)	999.11	0.1-99999999 9.99	Y		
		AirplaneID	Identification Number of Airplane	BIGINT	999999999 9999	-2^63 to 2^63	Y	FK4	AIRPLANE
4	PAYMENT	PaymentID	Identification number for the payment made	VARCHAR (50)	999999999 9999	-2^63 to 2^63	Y	PK	
		Payment Status	Status of the payment	VARCHAR (25)	Xxx		Y		
		PaymentDate	Date of payment	DATETIME	YYYY-MM-DD HH:MI:SS		Y		
		Payment Amount	Total payment amount	DECIMAL (10,2)	999.11	0.1-99999999 9.99	Y		
5	AIRPORT	AirportID	Identification Number of Airport	BIGINT	999999999 9999	-2^63 to 2^63	Y	PK	
		IATACode	IATA code allocated for the airport	VARCHAR (3)	Xxx		Y		
		ICAOCode	IATA code allocated for the airport	VARCHAR (4)	Xxx		Y		
		Name	Name of the airport	VARCHAR (50)	Xxxxx		Y		
		City	City where Airport is located	VARCHAR (25)	Xxxx		Y		
		Country	Country where Airport is located	VARCHAR (60)	Xxxxxx		Y		
6	AIRLINE	AirlineID	Identification Number of Airline	BIGINT	999999999 9999	-2^63 to 2^63	Y	PK	
		AirlineName	Name of the Airline	VARCHAR (50)	Xxxxx		Y		
		Abbreviation	Abbreviation of the Airlines	CHAR (3)	XXX		Y		
7	AIRPLANE	AirplaneID	Identification Number of Airplane	BIGINT	999999999 9999	-2^63 to 2^63	Y	PK	
		Capacity	Bearable load of the plane	INT	9999		Y		

No	Table	Attribute	Description	Data Type	Format	Range		Key	Reference
		Model	Model of the airplane	VARCHAR (50)	Xxx9		Y		
8	AIRLINE_ AIRPLANE	AirlineID	Identification Number of Airline	BIGINT	9999999999999	-2^{63} to 2^{63}	Y	FK1	AIRLINE
		AirplaneID	Identification Number of Airplane	BIGINT	9999999999999	-2^{63} to 2^{63}	Y	FK2	AIRPLANE

QUERIES AND OPERATIONS

1. ENTITY GENERATION AND DATA ENTRY

Overview:

Our warehouse data model consists of two databases: FlightScheduling and CustomerService. Table 3 shows what tables are in each database, their descriptions, and the number of records. The database is split according to each table's subject and purpose. In Table 4, we listed the corresponding SQL queries for each task and their examples, which we used.

Table 3: DATABASE SCHEMA

Database	Table Name	Table Description	# of Records
FlightScheduling	AIRPORT	This table provides information about the airport: name, location, and IATA/ICAO codes.	8
FlightScheduling	AIRPLANE	This table provides information about the airplane's model and capacity.	8
FlightScheduling	AIRLINE	This table lists airline company data: name (full form and abbreviation form) and which country they are based in.	8
FlightScheduling	AIRLINE_AIRPLANE	This table is a joint table for airline and airplane tables. It doesn't have the primary key.	8
CustomerService	PASSENGER	This table provides the customer biographic information: name, gender, age, where they live, and contact.	50
FlightScheduling	FLIGHT	This table provides all the information about the flight: when departed/arrived, where, which airline operated, the airplane used, and so on.	50
CustomerService	PAYMENT	This table provides information about payment: the status, when the payment was made, and the price. It's also connected to customer data with a key.	50
CustomerService	BOOKING	This table provides the booking information. It has access to customer, flight, and payment data by foreign keys.	50

Table 4: Query Steps and Explanations

Steps	Query	Example
Create Database	CREATE DATABASE DBname;	Create DATABASE flightscheduling;

Create Table	USE DatabaseName;
	CREATE TABLE table_name (
	  column1 datatype,
	  column2 datatype,
	  column3 datatype,
	  ....
	);
		Use flightscheduling;
		CREATE TABLE `airport` (
		  `AirportID` BIGINT,
		  `IATACode` VARCHAR(3),
		  `ICAOCode` VARCHAR(4),
		  `Name` VARCHAR(50),
		  `City ` VARCHAR(25),
		  `Country` VARCHAR(25),
		  PRIMARY KEY (`AirportID`));

Insert data into tables	INSERT INTO DatabaseName .table_name (column1, column2, column3, ...) VALUES (value1, value2, value3, ...);	INSERT INTO flightscheduling.airport (AirportID, IataCode, IcaoCode, Name, City, Country) VALUES (1, 'LAX', 'KLAX', 'Los Angeles International Airport', 'Los Angeles', 'United States');
Extract all data from tables	Select * from DatabaseName .table_name;	Select * from flightscheduling.airport;

As Table 4 shows, we used multiple SQL queries to create and manage our databases and tables. We ran the queries for all tables, and after the tables were created with all the data needed, we also ran the query to display all rows stored in tables. The queries and results of extracting all rows are the following:

```
/* ----------------------------------------------Create Databases-------------------------------------------------------*/
Create DATABASE FlightScheduling;
Create DATABASE CustomerService;


/* ----------------------------------------------Create AIRPORT Table----------------------------------------------
*/
Use FlightScheduling;
CREATE TABLE `AIRPORT` (
  `AirportID` BIGINT,
  `IATACode` VARCHAR(3),
  `ICAOCode` VARCHAR(4),
  `Name` VARCHAR(50),
  `City ` VARCHAR(25),
  `Country` VARCHAR(60),
  PRIMARY KEY (`AirportID`));

INSERT INTO flightscheduling.airport (AirportID, IataCode, IcaoCode, Name, City, Country) VALUES (1,
'LAX', 'KLAX', 'Los Angeles International Airport', 'Los Angeles', 'United States');
INSERT INTO flightscheduling.airport (AirportID, IataCode, IcaoCode, Name, City, Country) VALUES (2,
'JFK', 'KJFK', 'John F. Kennedy International Airport', 'New York', 'United States');
INSERT INTO flightscheduling.airport (AirportID, IataCode, IcaoCode, Name, City, Country) VALUES (3,
'LHR', 'EGLL', 'Heathrow Airport', 'London', 'United Kingdom');
INSERT INTO flightscheduling.airport (AirportID, IataCode, IcaoCode, Name, City, Country) VALUES (4,
'HND', 'RJTT', 'Tokyo Haneda Airport', 'Tokyo', 'Japan');
INSERT INTO flightscheduling.airport (AirportID, IataCode, IcaoCode, Name, City, Country) VALUES (5,
'DXB', 'OMDB', 'Dubai International Airport', 'Dubai', 'United Arab Emirates');
```
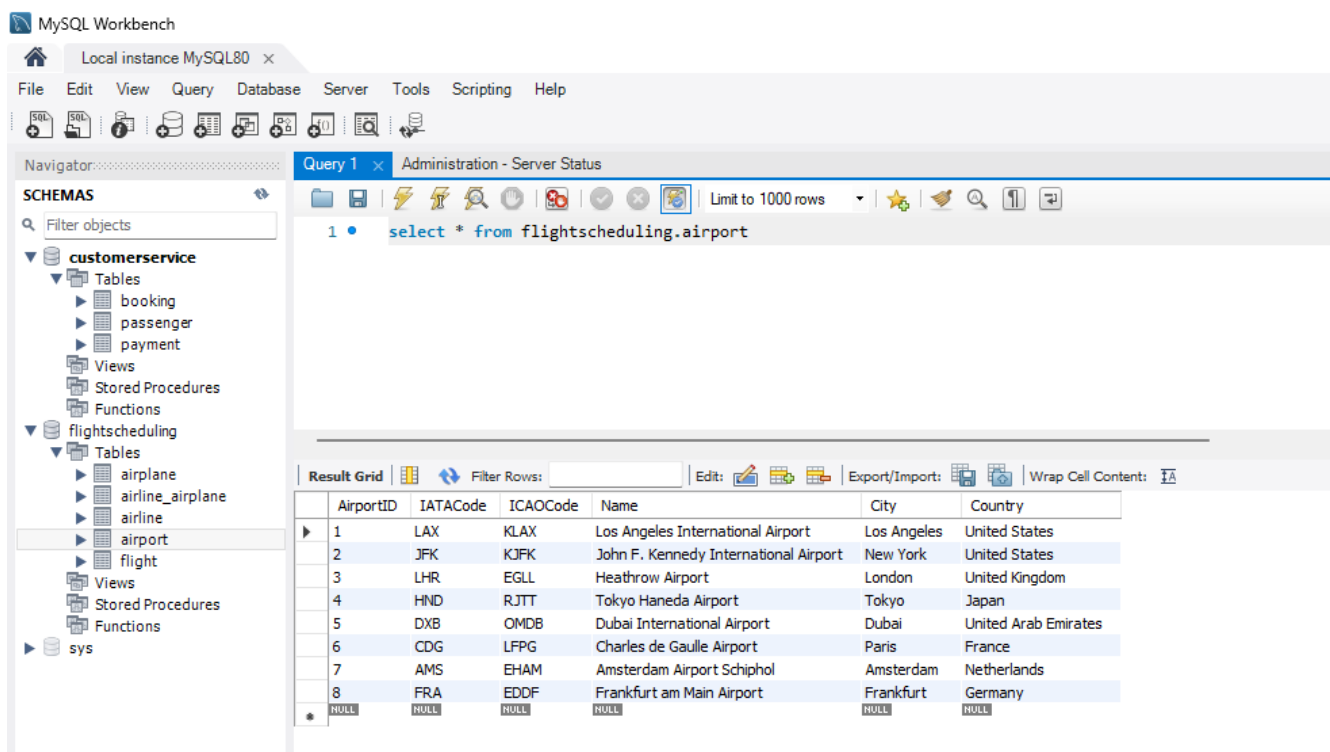
INSERT INTO flightscheduling.airport (AirportID, IataCode, IcaoCode, Name, City, Country) VALUES (6, 'CDG', 'LFPG', 'Charles de Gaulle Airport', 'Paris', 'France');
INSERT INTO flightscheduling.airport (AirportID, IataCode, IcaoCode, Name, City, Country) VALUES (7, 'AMS', 'EHAM', 'Amsterdam Airport Schiphol', 'Amsterdam', 'Netherlands');
INSERT INTO flightscheduling.airport (AirportID, IataCode, IcaoCode, Name, City, Country) VALUES (8, 'FRA', 'EDDF', 'Frankfurt am Main Airport', 'Frankfurt', 'Germany');

Table Explanation:

This table provides information about the airport: name, location, and IATA/ICAO codes. It helps us identify airports in flight scheduling and route planning. Having special codes, such as IATA/ICAO codes is especially useful for aviation systems since they're common identification around the world and easier to manage data in software, booking systems, and itineraries.

/* --Create AIRPLANE Table--*/

Use FlightScheduling;
CREATE TABLE `AIRPLANE` (
  `AirplaneID` BIGINT,
  `Capacity` INT,
  `Model` VARCHAR(50),
  PRIMARY KEY (`AirplaneID`));

INSERT INTO flightscheduling.airplane (AirplaneID, Capacity, Model) VALUES (1, 160, 'Airbus A320');
INSERT INTO flightscheduling.airplane (AirplaneID, Capacity, Model) VALUES (2, 150, 'Boeing 737-800');
INSERT INTO flightscheduling.airplane (AirplaneID, Capacity, Model) VALUES (3, 366, 'Boeing 777-300');
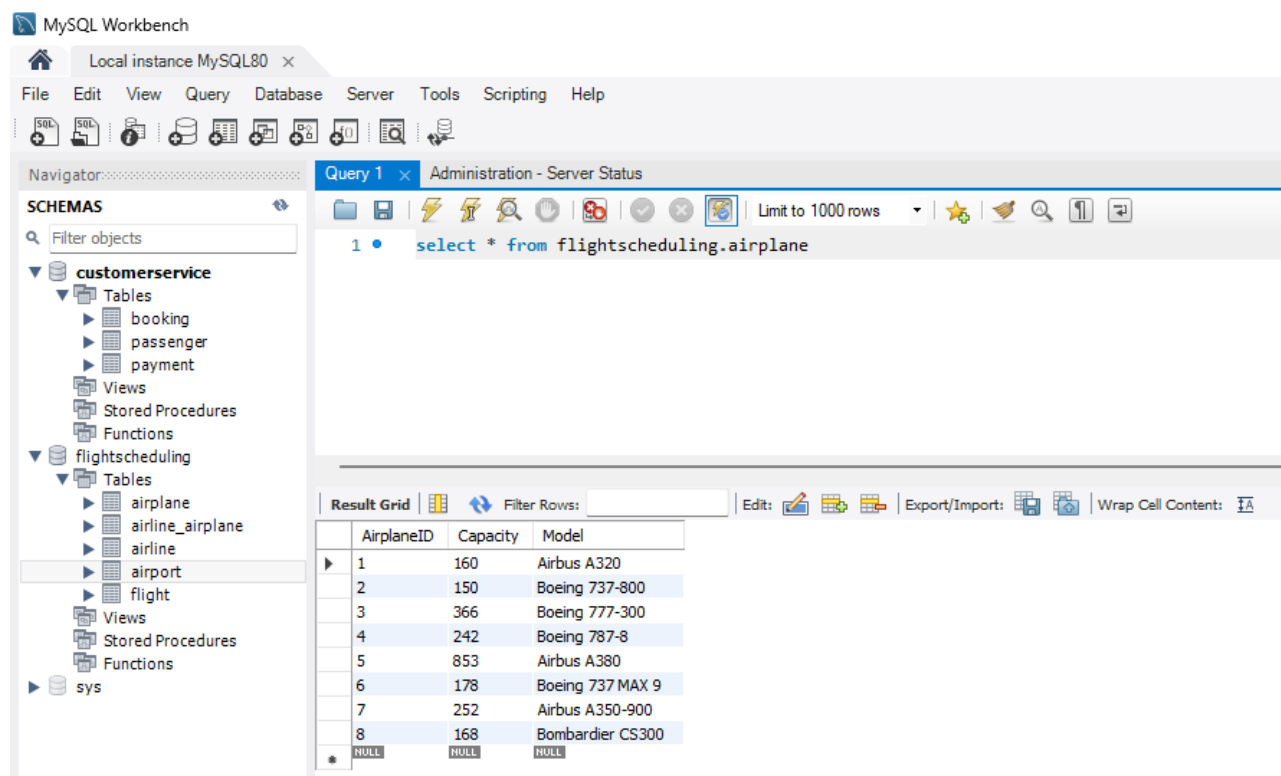INSERT INTO flightscheduling.airplane (AirplaneID, Capacity, Model) VALUES (4, 242, 'Boeing 787-8');

INSERT INTO flightscheduling.airplane (AirplaneID, Capacity, Model) VALUES (5, 853, 'Airbus A380');
INSERT INTO flightscheduling.airplane (AirplaneID, Capacity, Model) VALUES (6, 178, 'Boeing 737 MAX 9');
INSERT INTO flightscheduling.airplane (AirplaneID, Capacity, Model) VALUES (7, 252, 'Airbus A350-900');
INSERT INTO flightscheduling.airplane (AirplaneID, Capacity, Model) VALUES (8, 168, 'Bombardier CS300');

Table Explanation:

This table provides information about the airplane's model and capacity. It helps in managing the flight schedules based on airplane availability, seating capacity, and other special features of each model of airplane.

/* ---Create AIRLINE Table---*/

Use FlightScheduling;
CREATE TABLE `AIRLINE` (
  `AirlineID` BIGINT,
  `AirlineName` VARCHAR(50),
  `Abbreviation` CHAR(3),
  PRIMARY KEY (`AirlineID`));

INSERT INTO flightscheduling.airline (AirlineID, AirlineName, AirlineNameAbbreviation) VALUES (1, 'American Airlines', 'AA');

INSERT INTO flightscheduling.airline (AirlineID, AirlineName, AirlineNameAbbreviation) VALUES (2, 'Delta Air Lines', 'DL');
INSERT INTO flightscheduling.airline (AirlineID, AirlineName, AirlineNameAbbreviation) VALUES (3, 'United Airlines', 'UA');
INSERT INTO flightscheduling.airline (AirlineID, AirlineName, AirlineNameAbbreviation) VALUES (4, 'Southwest Airlines', 'WN');
INSERT INTO flightscheduling.airline (AirlineID, AirlineName, AirlineNameAbbreviation) VALUES (5, 'Air Canada', 'AC');
INSERT INTO flightscheduling.airline (AirlineID, AirlineName, AirlineNameAbbreviation) VALUES (6, 'Lufthansa', 'LH');
INSERT INTO flightscheduling.airline (AirlineID, AirlineName, AirlineNameAbbreviation) VALUES (7, 'Air France', 'AF');
INSERT INTO flightscheduling.airline (AirlineID, AirlineName, AirlineNameAbbreviation) VALUES (8, 'British Airways', 'BA');

Table Explanation:

This table lists airline company data: name (full form and abbreviation form) and which country they are based in. It helps us to manage the relationships between flights/flights and flights/airlines. Airlines belong to each alliance and have partnerships between them. This is related to code-sharing agreements.
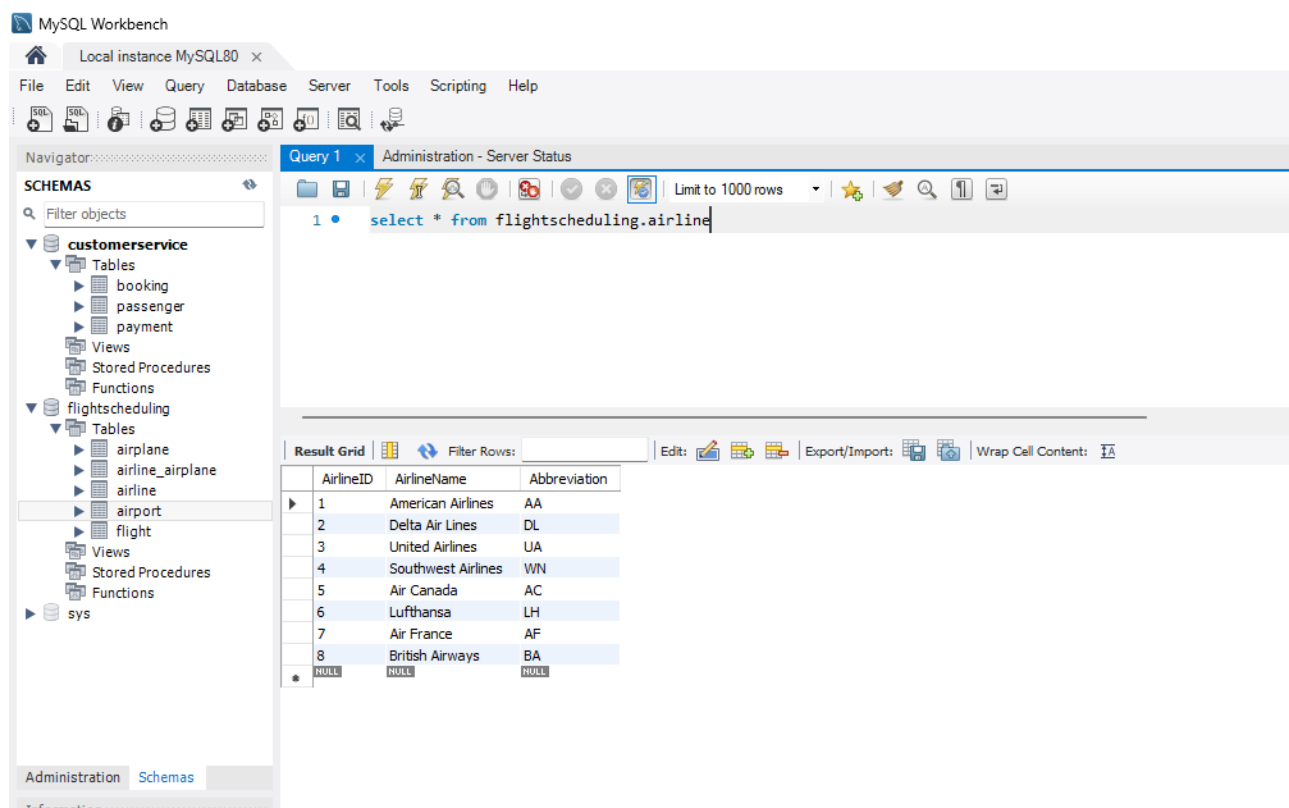
/* --Create PASSENGER Table---*/

Use CustomerService;
CREATE TABLE `PASSENGER` (
  `PassengerID` BIGINT,

```
    `FName` VARCHAR(25),
    `LName` VARCHAR(25),
    `BirthDate` DATE,
    `Sex` CHAR(1),
    `Age` INT,
    `PhoneNumber` VARCHAR(15),
    `EmailID` VARCHAR(50),
    `Street` VARCHAR(100),
    `City` VARCHAR(25),
    `ZipCode` INT,
    `Country` VARCHAR(60),
    PRIMARY KEY (`PassengerID`));
```

INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (1, 'Michelle', 'Singh', '1986-01-23', 'F', 38, '305-960-9276', 'evansmark@acosta.com', '8614 Mills Junction Suite 868', 'Lake Veronica', 20273, 'Cocos Islands');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (2, 'Dana', 'Smith', '1978-02-13', 'F', 46, '963-865-7559', 'montoyaeric@phillips.com', '2043 Erin Gateway Apt. 790', 'North Jorge', 39115, 'Cape Verde');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (3, 'Harry', 'Brown', '1980-05-13', 'M', 44, '486-354-5459', 'katelyn59@yahoo.com', '51919 Joshua River', 'Charlesborough', 31502, 'Palau');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (4, 'Heather', 'Richardson', '1981-04-09', 'M', 43, '168-328-0446', 'christopherrobbins@hotmail.com', '586 Stephanie Mountain Suite 482', 'South Kristopherborough', 31186, 'Sweden');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (5, 'Ronald', 'Spencer', '1996-01-09', 'M', 28, '036-727-2567', 'robinsonangela@hotmail.com', '428 Maldonado Path Apt. 238', 'Cristinahaven', 65252, 'Peru');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (6, 'Leonard', 'Turner', '2002-12-16', 'F', 22, '889-862-4130', 'simmonsmichelle@gmail.com', '668 Charles Islands Suite 623', 'West Tylerton', 73179, 'Georgia');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (7, 'Christopher', 'Montgomery', '1979-03-23', 'M', 45, '819-645-8127', 'brownjeremy@hotmail.com', '1160 Chad Lake Suite 340', 'South Juliehaven', 91632, 'British Indian Ocean Territory (Chagos Archipelago)');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (8, 'Natasha', 'Clark', '1950-10-27', 'M', 74, '522-750-2649', 'weaverzachary@goodman.com', '289 Megan Shores Suite 852', 'Loganhaven', 13590, 'Turkey');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (9, 'Steven', 'Curtis', '2000-05-12', 'M', 24, '821-390-9953', 'bestcalvin@cobb.com', '0076 Cole Pine', 'Blairton', 1840, 'Antigua and Barbuda');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)

VALUES (10, 'Francisco', 'Davis', '1974-03-30', 'F', 50, '161-051-0573', 'delgadolindsey@moreno-molina.com', '1278 Anna Lodge', 'Smithland', 90830, 'Bangladesh');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (11, 'April', 'Barajas', '1955-11-21', 'M', 69, '659-445-2344', 'buckleyjason@castillo.com', '6281 Tracy Vista', 'Dannyland', 8358, 'Ireland');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (12, 'Joseph', 'Harris', '2005-07-29', 'F', 19, '534-715-1456', 'davidhill@gmail.com', '9595 Benjamin Garden', 'Griffintown', 64733, 'Sao Tome and Principe');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (13, 'Frank', 'Davis', '1992-03-10', 'M', 32, '934-578-8289', 'hreed@gmail.com', '69582 Powers Stream', 'Bonillaton', 71766, 'Saint Martin');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (14, 'Andrew', 'Wilson', '1997-11-09', 'F', 27, '858-808-8351', 'kari58@gmail.com', '550 Crane Fields', 'Mcconnellton', 17547, 'Guyana');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (15, 'Kevin', 'Velez', '2002-01-03', 'M', 22, '137-979-2009', 'thomasgregory@hotmail.com', '455 Jones Via', 'Coreyshire', 68743, 'Bahrain');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (16, 'Robin', 'Trevino', '1996-08-02', 'F', 28, '301-677-2375', 'omarmay@yahoo.com', '5592 Stanley Divide', 'North Juliafort', 64419, 'Norfolk Island');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (17, 'Erica', 'Barajas', '1963-06-08', 'F', 61, '828-899-7018', 'qrose@yahoo.com', '5604 Karen Estate', 'East Marychester', 40166, 'Peru');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (18, 'Taylor', 'Howe', '2005-03-21', 'F', 19, '915-555-1157', 'heatherrodriguez@davidson.com', '90119 Crystal Radial', 'East Melissaview', 48297, 'Mexico');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (19, 'Heather', 'Alvarado', '1985-09-08', 'M', 39, '909-772-5826', 'baguilar@sanders-perry.com', '4749 Kari Common Suite 503', 'Lamberthaven', 21498, 'Montserrat');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (20, 'Holly', 'Miller', '1984-02-19', 'M', 40, '279-577-5365', 'hancockpaula@gmail.com', '89811 Tracey Curve Suite 634', 'North Christopher', 72080, 'Mozambique');

INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (21, 'Jay', 'Roberts', '2004-01-06', 'F', 20, '005-567-5229', 'jlindsey@gmail.com', '21715 Rhonda Springs Apt. 256', 'Madelineland', 22951, 'Cote d\'Ivoire');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (22, 'Jennifer', 'Chandler', '1970-01-12', 'M', 54, '840-535-0650', 'brian85@shepard.net', '321 Flores Locks Suite 768', 'Dennisshire', 53730, 'Angola');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)

VALUES (23, 'Taylor', 'Berry', '1993-12-18', 'M', 31, '863-092-9035', 'johnfoster@yahoo.com', '297 Black Burg', 'South Nicoleburgh', 91635, 'Lithuania');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (24, 'Stephanie', 'Larson', '2000-07-13', 'F', 24, '753-294-9113', 'smithmatthew@yahoo.com', '1619 Dunn Wall Suite 074', 'Port Ryanfort', 77198, 'Cambodia');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (25, 'Tasha', 'Burke', '2003-02-13', 'F', 21, '527-681-3583', 'tmitchell@gmail.com', '947 Morgan Cliffs', 'New Donnachester', 86197, 'Kiribati');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (26, 'Beverly', 'Hurley', '1969-12-09', 'M', 29, '733-220-7012', 'christina65@lee-foster.com', '31728 Miller Plain Suite 942', 'Hannahland', 35203, 'Guernsey');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (27, 'Tyrone', 'Wilson', '1960-04-29', 'M', 33, '025-687-0873', 'murphymargaret@gmail.com', '433 Michael Estates', 'West Davidfurt', 19116, 'Saint Barthelemy');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (28, 'Meagan', 'Garrett', '1970-04-26', 'F', 68, '050-341-3681', 'nancy99@martinez.biz', '6422 Kevin Forge', 'Gregoryberg', 16006, 'Norfolk Island');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (29, 'Matthew', 'Stewart', '1988-08-18', 'M', 41, '898-397-7152', 'stephanie35@gmail.com', '86382 Green Glen Apt. 978', 'Veronicaland', 96673, 'Algeria');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (30, 'Henry', 'Tran', '1991-02-01', 'M', 26, '032-273-5275', 'powellamy@adkins.com', '51374 Lamb Isle Apt. 751', 'Tamarabury', 39871, 'Iraq');

INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (31, 'Katelyn', 'Bowers', '1954-12-26', 'M', 25, '989-658-3179', 'beckerrussell@rodgers.org', '856 Daniel Point Suite 970', 'Beverlyfurt', 47930, 'Argentina');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (32, 'Justin', 'Jefferson', '1963-05-02', 'M', 44, '083-043-3338', 'lori16@butler.com', '42814 Freeman Shoals', 'Williamton', 20458, 'Ecuador');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (33, 'Christopher', 'Richards', '1953-05-09', 'M', 26, '497-594-9216', 'pharvey@gmail.com', '586 Baker Dale', 'West Jamiemouth', 40512, 'Kiribati');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (34, 'Barbara', 'Smith', '1975-08-01', 'F', 42, '085-175-9043', 'franciscobradley@gmail.com', '2687 Moss Brook', 'Christopherfurt', 23238, 'Russian Federation');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (35, 'Amber', 'Medina', '1955-08-26', 'M', 42, '393-328-3726', 'brandon94@rivera-hawkins.net', '25568 White Wall Suite 272', 'East Kyle', 59823, 'Burundi');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)

VALUES (36, 'Andrew', 'Garcia', '2001-01-03', 'M', 58, '433-094-5773', 'loganjennifer@hernandez.org', '5724 Amy Club', 'South Sarah', 46434, 'Bahrain');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (37, 'Kenneth', 'Ray', '1993-05-03', 'M', 36, '778-628-4613', 'stacyfranco@sanchez.com', '1916 Randy Court Suite 524', 'Matthewsport', 69429, 'Burundi');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (38, 'Melinda', 'Cordova', '1956-01-20', 'M', 22, '646-834-0314', 'ssavage@gmail.com', '07143 Mills Brook', 'Moralesstad', 93320, 'Algeria');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (39, 'William', 'Gregory', '1979-06-20', 'M', 66, '925-367-8661', 'melissa12@taylor-walker.com', '567 Debra Ways Suite 818', 'Myerschester', 57819, 'France');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (40, 'Deborah', 'Compton', '1994-03-28', 'M', 49, '734-474-1335', 'juansolomon@yahoo.com', '67450 Michael Brooks Apt. 183', 'East Amy', 31319, 'Syrian Arab Republic');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (41, 'Miguel', 'Galloway', '1973-12-14', 'M', 54, '634-869-3558', 'zschultz@hotmail.com', '429 Brian Road', 'New Matthew', 58520, 'Timor-Leste');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (42, 'Shawn', 'Gill', '1957-07-27', 'F', 27, '172-801-9430', 'castillostacey@yahoo.com', '829 Johnson Mountain', 'Karinastad', 56566, 'Argentina');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (43, 'Suzanne', 'Bowman', '1989-06-02', 'M', 44, '498-039-3444', 'christine05@gmail.com', '75691 Thomas Crest Apt. 949', 'Carlsonshire', 37460, 'Pitcairn Islands');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (44, 'Michelle', 'Williams', '1982-10-08', 'F', 25, '417-457-9792', 'faulknerricky@ross.net', '35554 Ortiz Pass Suite 205', 'Jamesside', 97841, 'Djibouti');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (45, 'Amanda', 'Park', '2003-09-01', 'F', 55, '727-694-4931', 'zwashington@callahan.net', '372 Davis Drive Apt. 787', 'South Michaelville', 44993, 'Bolivia');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (46, 'Marvin', 'Bartlett', '1967-08-30', 'M', 38, '751-797-9268', 'anthonylane@gmail.com', '883 Moore Village', 'Donaldfurt', 99593, 'United States of America');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (47, 'Patrick', 'Soto', '1979-10-25', 'M', 60, '515-953-7417', 'christophertucker@yahoo.com', '7999 Christian Course', 'Contrerashaven', 94939, 'Norfolk Island');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (48, 'Eric', 'Cortez', '1965-01-29', 'F', 59, '853-699-6755', 'jacob97@strickland-lowe.com', '38080 Taylor Plains', 'North Robertbury', 19358, 'Zambia');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)

VALUES (49, 'Eric', 'Reed', '1964-09-11', 'F', 43, '112-429-3515', 'jgomez@hotmail.com', '22561 Nicole Corner', 'Johnville', 89840, 'Algeria');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (50, 'Suzanne', 'Fitzgerald', '1955-07-01', 'F', 56, '640-642-5715', 'bennettkelly@hotmail.com', '1984 Rhodes Hollow', 'West Sydneyland', 93227, 'Hungary');

Table Explanation:

This table provides the customer biographic information: name, gender, age, where they live, and contact. This data can be used to analyze marketing campaigns, legal requirements, and many other purposes.

/* --Create FLIGHT Table--*/

Use FlightScheduling;
CREATE TABLE `FLIGHT` (
  `FlightID` BIGINT,
  `FlightNo` VARCHAR(10),
  `DepartureAirportID` BIGINT,
  `DepartureDate` DATETIME,
  `ArrivalAirportID` BIGINT,
  `ArrivalDate` DATETIME,
  `AirlineID` BIGINT,
  `Flightcost` DECIMAL(10,2),
  `AirplaneID` BIGINT,
  PRIMARY KEY (`FlightID`));

INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (8796, 'EY7086', 3, '2023-10-17 19:44:00', 8, '2023-10-18 02:20:00', 7, 934.50, 4);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (1031, 'Gc0312', 1, '2022-01-09 00:09:00', 8, '2022-01-09 05:55:00', 3, 442.60, 2);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (7520, 'WT3848', 4, '2022-06-28 20:56:00', 7, '2022-06-29 01:52:00', 5, 689.96, 5);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (1552, 'eY6782', 8, '2020-05-07 08:04:00', 2, '2020-05-07 12:59:00', 1, 995.78, 3);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (1333, 'wu8948', 3, '2022-01-10 01:31:00', 1, '2022-01-10 06:06:00', 4, 522.77, 7);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (7576, 'VQ2843', 5, '2022-10-01 22:59:00', 7, '2022-10-02 03:04:00', 3, 791.11, 1);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (3834, 'fT0375', 2, '2022-09-12 18:27:00', 3, '2022-09-12 23:12:00', 5, 419.95, 3);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (6377, 'tA8415', 4, '2021-10-29 05:34:00', 6, '2021-10-29 10:19:00', 7, 500.00, 4);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (8694, 'PE7845', 7, '2022-04-09 18:16:00', 3, '2022-04-09 23:01:00', 1, 366.44, 2);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (2613, 'UH8994', 3, '2020-09-27 05:25:00', 7, '2020-09-27 09:50:00', 2, 575.60, 3);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (8253, 'xE2908', 4, '2021-09-18 19:26:00', 5, '2021-09-18 23:51:00', 4, 450.00, 5);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (1671, 'hg6781', 7, '2020-02-13 04:11:00', 2, '2020-02-13 08:56:00', 6, 300.99, 6);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (3681, 'uA9228', 7, '2020-03-07 09:31:00', 5, '2020-03-07 14:16:00', 1, 260.00, 7);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (8296, 'Zr6489', 3, '2023-03-21 23:19:00', 4, '2023-03-22 04:04:00', 3, 590.42, 8);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (3873, 'QR1958', 7, '2024-01-04 13:59:00', 8, '2024-01-04 18:44:00', 4, 650.75, 1);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (6976, 'Yj3362', 3, '2021-02-08 19:15:00', 7, '2021-02-08 23:50:00', 5, 800.60, 2);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (7440, 'CY1614', 1, '2021-06-01 09:55:00', 2, '2021-06-01 14:49:00', 6, 888.73, 4);

INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (3378, 'HJ3996', 1, '2021-11-27 22:58:00', 8, '2021-11-28 22:04:00', 8, 383.21, 8);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (6801, 'DQ7194', 2, '2024-02-01 12:00:00', 1, '2024-02-01 13:20:00', 4, 689.89, 3);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (6840, 'hB8654', 8, '2022-01-19 10:35:00', 5, '2022-01-19 16:17:00', 8, 456.07, 5);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (5925, 'rL7599', 3, '2020-11-04 15:34:00', 7, '2022-11-16 22:18:00', 7, 923.09, 2);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (4947, 'Yc7502', 8, '2024-01-28 12:10:00', 5, '2024-01-29 07:51:00', 4, 512.97, 5);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (5282, 'Ig1114', 8, '2023-02-25 19:37:00', 1, '2023-09-13 17:15:00', 2, 338.39, 6);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (4052, 'Ko6163', 7, '2020-05-06 21:17:00', 8, '2023-09-06 23:22:00', 2, 321.96, 6);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (9011, 'Rf2738', 5, '2023-01-04 00:06:00', 6, '2022-05-12 09:38:00', 7, 605.23, 4);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (6395, 'pO0344', 5, '2020-05-20 13:36:00', 7, '2020-05-20 18:01:00', 6, 336.47, 6);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (4422, 'Lk1744', 8, '2022-12-12 04:43:00', 5, '2023-04-28 14:27:00', 7, 626.13, 5);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (4821, 'lD6202', 4, '2022-07-27 01:24:00', 1, '2022-07-27 03:58:00', 7, 908.04, 5);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (7979, 'xt3266', 6, '2021-10-22 22:35:00', 8, '2022-12-03 03:55:00', 8, 459.46, 6);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (8358, 'Gs4413', 1, '2020-05-29 16:07:00', 3, '2021-09-06 13:03:00', 1, 297.39, 4);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (1071, 'uF5920', 1, '2020-08-13 19:05:00', 6, '2023-02-25 18:38:00', 2, 997.78, 7);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (5002, 'bo8770', 3, '2022-03-03 15:11:00', 7, '2022-03-04 01:06:00', 1, 558.57, 2);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (4897, 'cD6142', 7, '2020-12-24 14:57:00', 4, '2023-03-03 01:21:00', 7, 181.82, 2);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (8216, 'AE4092', 3, '2021-04-28 06:18:00', 5, '2021-04-28 19:45:00', 6, 142.40, 2);

INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (1696, 'gH5503', 3, '2021-02-24 09:44:00', 7, '2022-02-04 23:18:00', 2, 198.68, 8);
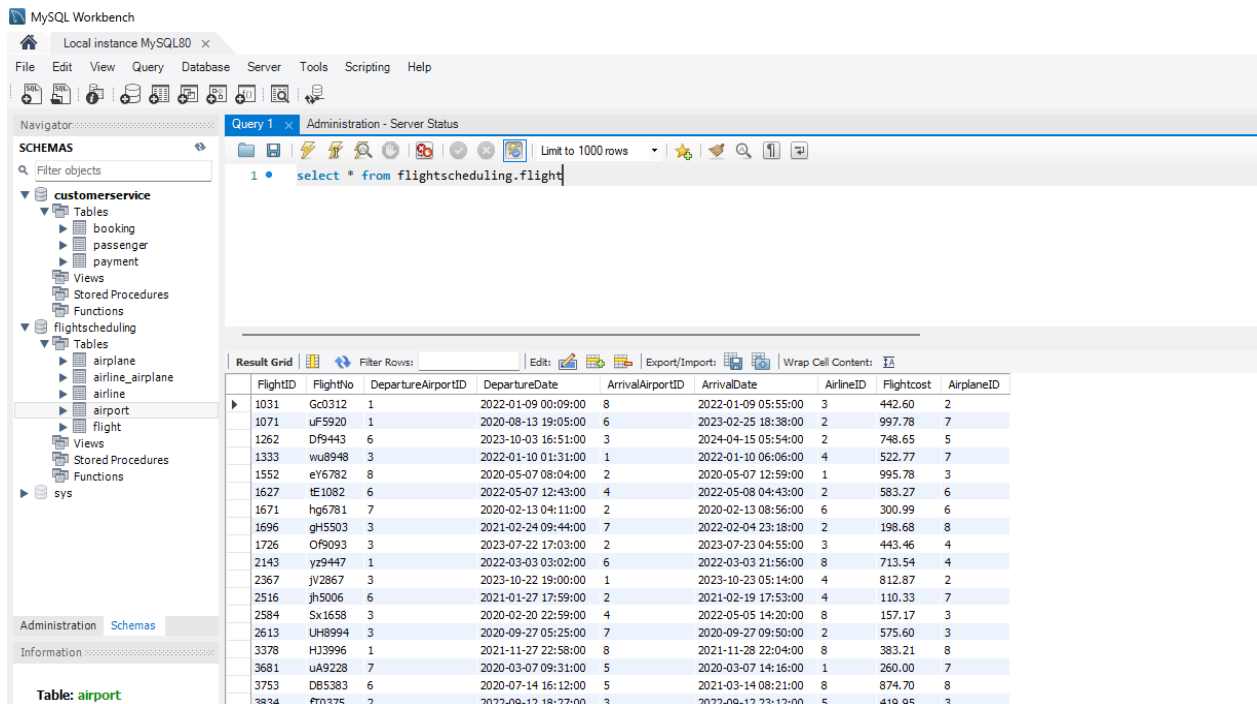INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (7258, 'xQ1052', 1, '2022-01-24 04:42:00', 6, '2022-01-24 13:03:00', 4, 664.70, 3);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (2367, 'jV2867', 3, '2023-10-22 19:00:00', 1, '2023-10-23 05:14:00', 4, 812.87, 2);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (9383, 'il3237', 8, '2023-01-11 17:06:00', 6, '2023-01-12 00:56:00', 4, 479.94, 7);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (2584, 'Sx1658', 3, '2020-02-20 22:59:00', 4, '2022-05-05 14:20:00', 8, 157.17, 3);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (1726, 'Of9093', 3, '2023-07-22 17:03:00', 2, '2023-07-23 04:55:00', 3, 443.46, 4);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (5528, 'Gx0376', 6, '2021-11-04 00:51:00', 3, '2022-01-22 18:31:00', 7, 996.51, 6);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (6576, 'qF4449', 8, '2023-08-10 19:19:00', 2, '2024-01-02 14:32:00', 3, 576.20, 6);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (3932, 'Vr2787', 6, '2021-10-29 11:42:00', 1, '2021-10-30 00:23:00', 5, 973.97, 5);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (3753, 'DB5383', 6, '2020-07-14 16:12:00', 5, '2021-03-14 08:21:00', 8, 874.70, 8);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (2516, 'jh5006', 6, '2021-01-27 17:59:00', 2, '2021-02-19 17:53:00', 4, 110.33, 7);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (1262, 'Df9443', 6, '2023-10-03 16:51:00', 3, '2024-04-15 05:54:00', 2, 748.65, 5);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (2143, 'yz9447', 1, '2022-03-03 03:02:00', 6, '2022-03-03 21:56:00', 8, 713.54, 4);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (1627, 'tE1082', 6, '2022-05-07 12:43:00', 4, '2022-05-08 04:43:00', 2, 583.27, 6);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (6275, 'hF3340', 4, '2024-03-03 08:19:00', 2, '2024-03-03 14:57:00', 1, 340.14, 5);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (7380, 'JI3242', 5, '2022-06-06 18:35:00', 2, '2022-12-24 00:17:00', 1, 676.87, 6);

Table Explanation:

This table provides all the information about flights: departure and arrival times, locations, operating airlines, and aircraft used, among other details. Tracking flight information assists in flight scheduling, providing real-time status updates to passengers, crew scheduling, and managing air traffic. Additionally, in the event of emergencies, it is also useful for risk management.

/* --------------------------------------Create AIRLINE_AIRPLANE Table--------------------------------------*/

Use FlightScheduling;
CREATE TABLE `AIRLINE_AIRPLANE` (
  `AirlineID` BIGINT,
  `AirplaneID` BIGINT);

INSERT INTO flightscheduling.airline_airplane (AirlineID, AirplaneID) VALUES (6, 1);
INSERT INTO flightscheduling.airline_airplane (AirlineID, AirplaneID) VALUES (5, 2);
INSERT INTO flightscheduling.airline_airplane (AirlineID, AirplaneID) VALUES (4, 3);
INSERT INTO flightscheduling.airline_airplane (AirlineID, AirplaneID) VALUES (3, 4);
INSERT INTO flightscheduling.airline_airplane (AirlineID, AirplaneID) VALUES (5, 5);
INSERT INTO flightscheduling.airline_airplane (AirlineID, AirplaneID) VALUES (4, 6);
INSERT INTO flightscheduling.airline_airplane (AirlineID, AirplaneID) VALUES (2, 7);
INSERT INTO flightscheduling.airline_airplane (AirlineID, AirplaneID) VALUES (4, 8);

Table Explanation:

This table is a joint table for airline and airplane tables. It doesn't have the primary key.

```
/* ----------------------------------------Create PAYMENT Table-----------------------------------------
*/

Use CustomerService;
CREATE TABLE `PAYMENT` (
  `PaymentID` VARCHAR(50),
  `PaymentStatus` VARCHAR(25),
  `PaymentDate` DATETIME,
  `PaymentAmount` DECIMAL(10,2),
  PRIMARY KEY (`PaymentID`));

INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('ec46aac6-22ab-4d1b-a736-2bb0e005e79b', 'Failed', '2019-09-24 04:11', 128.89);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('19ca982e-22d7-48ac-94cf-378db5cea55a', 'Processed', '2020-02-12 22:59', 157.17);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('71fc8082-6607-4653-b9e7-dd9372ad0ece', 'Pending', '2019-06-25 09:31', 383.91);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('b148799f-6013-4c1b-b3d2-a7c1a138bddc', 'Processed', '2020-02-18 21:17', 321.96);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('c0961779-d109-49b8-a80f-efbe130e82a5', 'Processed', '2019-05-25 08:04', 441.51);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('ca0aa533-c7fd-43de-b3da-b1085ef56459', 'Failed', '2019-07-13 13:36', 336.47);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('053c97ff-7274-4a2a-bfa0-0928695b8ab1', 'Pending', '2019-10-17 16:07', 297.39);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('dc263b13-fb29-4c47-88ff-3b46ee7504a2', 'Pending', '2019-10-18 16:12', 874.70);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('b30aae77-87c1-4a25-b96c-506fbb43251d', 'Pending', '2020-05-24 19:05', 997.78);
```

INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('931d2a26-8fb5-4496-b8f3-a68fce5ffbaa', 'Failed', '2020-09-16 05:25', 798.40);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('4b51b6f8-e774-4b37-9f31-492dc3194bd4', 'Failed', '2020-03-29 15:34', 923.09);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('ce12403f-e9db-45d4-b017-a10d71f82c73', 'Failed', '2020-08-17 14:57', 181.82);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('2ae62960-500e-4854-84ff-93991cf7333b', 'Pending', '2020-07-10 17:59', 110.33);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('e1ec67d6-48d8-4168-8e0c-e5b4490bdabb', 'Pending', '2021-01-17 19:15', 948.62);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('eea30439-5ff9-4a1d-9e90-378fc9959079', 'Failed', '2020-08-06 09:44', 198.68);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('168b7291-2ed5-4405-9072-f5be6c121723', 'Pending', '2020-10-16 06:18', 142.40);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('2fdc638c-18f2-483a-9831-9475242c4415', 'Processed', '2020-12-22 09:55', 888.73);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('b1af185d-c9d6-478b-91ce-f8e4e3087578', 'Pending', '2021-08-06 19:26', 306.14);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('c0dc82ac-2911-435b-812e-33061435001b', 'Processed', '2021-05-28 22:35', 459.46);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('9a8d5bb9-c152-4f8f-a454-88366af3ce79', 'Pending', '2021-09-02 05:34', 716.15);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('fbb29a09-45fb-4fa8-9e44-6de617cc054a', 'Failed', '2021-02-28 11:42', 973.97);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('685931a7-3211-4f0c-9774-68be35fbfc0f', 'Failed', '2021-08-23 00:51', 996.51);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('15a5818b-8f6c-45c3-883a-84fcef6e7fd5', 'Failed', '2021-09-20 22:58', 383.21);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('b826338b-dc33-4b89-99d2-8cb54b42cd6d', 'Failed', '2021-07-14 00:09', 756.21);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('e3455c6a-0075-436b-a927-42235d79f75d', 'Failed', '2021-04-10 01:31', 990.57);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('81d920b8-f324-4e00-bca2-b0e6877d43ba', 'Pending', '2021-04-21 22:59', 456.07);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('0d2a1a29-9727-4ea7-9628-cb0397009d37', 'Failed', '2022-08-30 04:43', 626.13);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('f98e51b0-3db6-4dc3-a16b-706b4d7ab48b', 'Failed', '2023-01-01 17:06', 479.94);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('e935055c-ece8-42c9-b0ed-542703c81505', 'Failed', '2022-12-08 19:37', 338.39);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('44edd5ca-d57e-4af8-95f5-54c06197574f', 'Processed', '2022-08-27 23:19', 340.97);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('62dc56fc-17b4-4838-8737-b57691188725', 'Failed', '2022-11-01 17:03', 443.46);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('7f309353-b9c4-408d-a6cd-7113665ca3ec', 'Failed', '2022-11-17 19:19', 576.20);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('6cf67863-58c2-4f03-b857-80cd51664f7d', 'Processed', '2022-11-09 16:51', 748.65);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('058d0793-7694-4fa9-8aca-2c027faa4139', 'Failed', '2023-03-31 19:44', 254.02);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
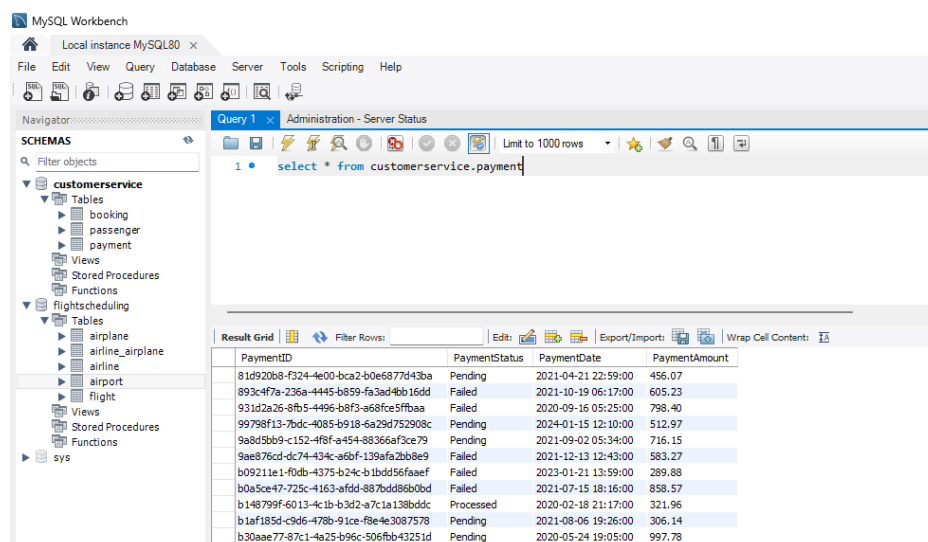VALUES ('61ce65ec-5182-4cb1-b941-da655c759fdf', 'Processed', '2023-02-25 19:00', 812.87);

INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('b09211e1-f0db-4375-b24c-b1bdd56faaef', 'Failed', '2023-01-21 13:59', 289.88);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('99798f13-7bdc-4085-b918-6a29d752908c', 'Pending', '2024-01-15 12:10', 512.97);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('cbebaac8-a82e-4fe5-8a9d-eb05b09eb273', 'Failed', '2023-09-21 12:00', 689.89);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('63eef76c-8438-43fa-b7a3-6796f32c4d51', 'Processed', '2023-08-13 08:19', 340.14);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('11a15906-5341-429d-b06b-f1d9955d55cd', 'Processed', '2021-03-20 04:42', 664.70);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('224e7c5a-947c-466e-860e-bde345884ebc', 'Processed', '2021-10-16 03:02', 713.54);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('3ffe28de-98a3-4632-8b64-8c4f20097870', 'Processed', '2022-01-30 15:11', 558.57);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('b0a5ce47-725c-4163-afdd-887bdd86b0bd', 'Failed', '2021-07-15 18:16', 858.57);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('9ae876cd-dc74-434c-a6bf-139afa2bb8e9', 'Failed', '2021-12-13 12:43', 583.27);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('893c4f7a-236a-4445-b859-fa3ad4bb16dd', 'Failed', '2021-10-19 06:17', 605.23);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('cc49aaa6-5dc1-45c4-b887-305a47f4b65d', 'Processed', '2022-02-22 18:35', 676.87);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('7e7b8223-2c0a-487e-b187-d28735ac3365', 'Failed', '2021-06-27 20:56', 247.06);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('7a968c6d-cd28-4202-b1a0-0dfd7be6592e', 'Failed', '2022-04-25 01:24', 908.04);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('6e19e454-0844-4612-bda3-f969eca3fdca', 'Failed', '2022-01-14 18:27', 601.25);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('4a92e0d2-df10-4587-89b6-f45ef0ec284a', 'Pending', '2022-04-22 22:59', 676.00);

Table Explanation:

This table provides information about payment: the status, when the payment was made, and the price. It's also connected to customer data with a key and is useful to analyze customer spending patterns from the payment date and status.

```sql
/* -------------------------------------------Create BOOKING Table-------------------------------------------*/

Use CustomerService;
CREATE TABLE `BOOKING` (
  `BookingID` BIGINT,
  `FlightID` BIGINT,
  `SeatNumber` VARCHAR(10),
  `PassengerID` BIGINT,
  `PaymentID` VARCHAR(50),
  PRIMARY KEY (`BookingID`));

INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (1, 8796, '77c', 14, 'e1ec67d6-48d8-4168-8e0c-e5b4490bdabb');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (2, 1031, '47V', 13, '19ca982e-22d7-48ac-94cf-378db5cea55a');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (3, 7520, '72j', 21, 'fbb29a09-45fb-4fa8-9e44-6de617cc054a');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (4, 1552, '13N', 20, 'c0961779-d109-49b8-a80f-efbe130e82a5');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (5, 1333, '12V', 5, 'e3455c6a-0075-436b-a927-42235d79f75d');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (6, 7576, '93L', 4, '4a92e0d2-df10-4587-89b6-f45ef0ec284a');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (7, 3834, '90K', 24, '6e19e454-0844-4612-bda3-f969eca3fdca');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (8, 6377, '43g', 21, '9a8d5bb9-c152-4f8f-a454-88366af3ce79');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (9, 8694, '88B', 11, 'b0a5ce47-725c-4163-afdd-887bdd86b0bd');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (10, 2613, '91e', 22, '931d2a26-8fb5-4496-b8f3-a68fce5ffbaa');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (11, 8253, '98g', 14, 'b1af185d-c9d6-478b-91ce-f8e4e3087578');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (12, 1671, '28u', 12, 'ec46aac6-22ab-4d1b-a736-2bb0e005e79b');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (13, 3681, '34l', 13, '71fc8082-6607-4653-b9e7-dd9372ad0ece');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (14, 8296, '00y', 7, '44edd5ca-d57e-4af8-95f5-54c06197574f');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (15, 3873, '69p', 9, 'b09211e1-f0db-4375-b24c-b1bdd56faaef');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (16, 6976, '08a', 17, 'e1ec67d6-48d8-4168-8e0c-e5b4490bdabb');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (17, 7440, '15T', 21, '2fdc638c-18f2-483a-9831-9475242c4415');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (18, 3378, '76q', 18, '15a5818b-8f6c-45c3-883a-84fcef6e7fd5');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (19, 6801, '49p', 3, 'cbebaac8-a82e-4fe5-8a9d-eb05b09eb273');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (20, 6840, '17f', 10, '81d920b8-f324-4e00-bca2-b0e6877d43ba');
```

```sql
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (21, 5925, '74p', 24, '4b51b6f8-e774-4b37-9f31-492dc3194bd4');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (22, 4947, '64g', 17, '99798f13-7bdc-4085-b918-6a29d752908c');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (23, 5282, '56j', 13, 'e935055c-ece8-42c9-b0ed-542703c81505');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (24, 4052, '96d', 9, 'b148799f-6013-4c1b-b3d2-a7c1a138bddc');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (25, 9011, '29B', 24, '893c4f7a-236a-4445-b859-fa3ad4bb16dd');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (26, 6395, '34l', 1, 'ca0aa533-c7fd-43de-b3da-b1085ef56459');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (27, 4422, '58C', 16, '0d2a1a29-9727-4ea7-9628-cb0397009d37');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (28, 4821, '93E', 25, '7a968c6d-cd28-4202-b1a0-0dfd7be6592e');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (29, 7979, '13p', 19, 'c0dc82ac-2911-435b-812e-33061435001b');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (30, 8358, '18a', 6, '053c97ff-7274-4a2a-bfa0-0928695b8ab1');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (31, 1071, '84h', 25, 'b30aae77-87c1-4a25-b96c-506fbb43251d');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (32, 5002, '86H', 18, '3ffe28de-98a3-4632-8b64-8c4f20097870');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (33, 4897, '13z', 11, 'ce12403f-e9db-45d4-b017-a10d71f82c73');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (34, 8216, '81r', 19, '168b7291-2ed5-4405-9072-f5be6c121723');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (35, 1696, '52s', 8, 'eea30439-5ff9-4a1d-9e90-378fc9959079');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (36, 7258, '09d', 7, '11a15906-5341-429d-b06b-f1d9955d55cd');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (37, 2367, '84T', 22, '61ce65ec-5182-4cb1-b941-da655c759fdf');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (38, 9383, '76x', 25, 'f98e51b0-3db6-4dc3-a16b-706b4d7ab48b');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (39, 2584, '12H', 4, '19ca982e-22d7-48ac-94cf-378db5cea55a');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (40, 4587, '31M', 23, '62dc56fc-17b4-4838-8737-b57691188725');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (41, 9456, '05K', 17, '685931a7-3211-4f0c-9774-68be35fbfc0f');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (42, 6821, '47J', 11, '7f309353-b9c4-408d-a6cd-7113665ca3ec');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (43, 1934, '38D', 24, 'fbb29a09-45fb-4fa8-9e44-6de617cc054a');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (44, 3471, '51B', 13, 'dc263b13-fb29-4c47-88ff-3b46ee7504a2');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (45, 7698, '22V', 9, '2ae62960-500e-4854-84ff-93991cf7333b');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (46, 2611, '15F', 14, '6cf67863-58c2-4f03-b857-80cd51664f7d');
```

INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (47, 3412, '03S', 5, '224e7c5a-947c-466e-860e-bde345884ebc');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (48, 8255, '07L', 18, '9ae876cd-dc74-434c-a6bf-139afa2bb8e9');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (49, 2198, '20H', 22, '63eef76c-8438-43fa-b7a3-6796f32c4d51');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (50, 3387, '29Q', 25, 'cc49aaa6-5dc1-45c4-b887-305a47f4b65d');

Table Explanation:

This table provides the booking information. It has access to customer, flight, and payment data by foreign keys. As the main table in our databases, it enables us to have access to any tables through this.

2. DATA RETRIEVAL AND ANALYTICAL REPORTS

Overview:

Using the data from tables, we can create subsets based on various combinations of columns. These subsets can be utilized for detailed analysis in several fields, such as developing marketing strategies for airport restaurants, enhancing airport operations, and making effective business decisions for travel packages, among others.

In our project, we created five subsets by executing five distinct SQL queries and derived analytical insights for each, accompanied by screenshots of the query results. While working on subsets, we set short-form table names using aliases. The following table shows short names for each table.

Table 5: Short Table Name List

Table Name	Short Name
AIRPORT(for departure and arrival)	dept_airport, arr_airport
AIRPLANE	ap
AIRLINE	a
AIRLINE_AIRPLANE	aa
PASSENGER	p
FLIGHT	f
PAYMENT	pay
BOOKING	b

- Data Analytics 1
  Statement: Extracting biographic data of passengers with airports they used ordered by departure airport name and arrival airport name in descending.

  SQL command explanation:
    o SELECT DISTINCT extracts unique values.
    o CONCAT(p.FName, ' ',p.LName) AS 'Passenger Name' combines the values in the two different columns, p.FName and p.LName, and store it into one field named 'Passenger Name' using an alias.
    o The query begins from the customerservice.passenger table.
    o It joins four tables, customerservice.passenger, customerservice.booking, flightscheduling.flight, and flightscheduling.airport, using JOIN and ON commands.
    o To get the airport name in the two different columns, we wrote JOIN clauses twice and named them 'dept_airport' and 'arr_airport' using aliases.
    o The results are ordered by the name of the departure airport and the arrival airport in ascending order. Priority comes first to the name of the departure airport in this case.

```
/*-------------------------------------------------- Data Analytics 1 --------------------------------------------------*/

SELECT DISTINCT
        p.PassengerID,
        CONCAT(p.FName, ' ', p.LName) AS 'Passenger Name',
        p.BirthDate,
        p.Sex,
        p.Age,
        p.Country,
        dept_airport.Name AS 'Departure Airport Name',
        arr_airport.Name AS 'Arrival Airport Name'
FROM
        customerservice.passenger p
```

JOIN
      customerservice.booking b ON p.PassengerID = b.PassengerID
JOIN
      flightscheduling.flight f ON b.FlightID = f.FlightID
JOIN
      flightscheduling.airport dept_airport ON f.DepartureAirportID = dept_airport.AirportID
JOIN
      flightscheduling.airport arr_airport ON f.ArrivalAirportID = arr_airport.AirportID
ORDER BY
      dept_airport.Name, arr_airport.Name;
/*-- Results --*/

- Data Analytics 2
  Statement: Extracts the unique combinations of departure and arrival airports for passengers from each country with a calculated count, grouping and ordering the results by country, departure airport, and arrival airport in ascending order.

  SQL command explanation:
  o SELECT DISTINCT extracts unique values.
  o From Data Analytics 1, we used the same columns, dept_airport.Name AS 'Departure Airport Name', arr_airport.Name AS 'Arrival Airport Name', again.
  o COUNT(*) AS 'Number of Combinations' counts the total number of combinations in each group. We can know the pattern of passenger routes for each country passengers are from.
  o Table joining are same as Data Analytics 1.
  o We grouped the results by country, departure airport, and arrival airport using the GROUP BY command for counting.

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o   The results are ordered by customerservice.passenger.Country, dept_airport.Name, and arr_airport.Name in ascending order, The priority goes to the country first, and departure airport, and the arrival airport.

```
/*-------------------------------------------------- Data Analytics 2 -------------------------------------------------*/
SELECT DISTINCT
      p.Country,
      dept_airport.Name AS 'Departure Airport Name',
      arr_airport.Name AS 'Arrival Airport Name',
      COUNT(*) AS 'Number of Combinations'
FROM
      customerservice.passenger p
JOIN
      customerservice.booking b ON p.PassengerID = b.PassengerID
JOIN
      flightscheduling.flight f ON b.FlightID = f.FlightID
JOIN
      flightscheduling.airport dept_airport ON f.DepartureAirportID = dept_airport.AirportID
JOIN
      flightscheduling.airport arr_airport ON f.ArrivalAirportID = arr_airport.AirportID
GROUP BY
      p.Country,
      dept_airport.Name,
      arr_airport.Name
ORDER BY
      p.country ASC,
      dept_airport.Name ASC,
      arr_airport.Name ASC;
/*------------------------------------------------------------ Results ----------------------------------------------------*/
```


Country	Departure Airport Name	Arrival Airport Name	Number of Combinations
Angola	Heathrow Airport	Amsterdam Airport Schiphol	1
Angola	Heathrow Airport	Los Angeles International Airport	1
Antigua and Barbuda	Amsterdam Airport Schiphol	Frankfurt am Main Airport	2
Bangladesh	Frankfurt am Main Airport	Dubai International Airport	1
British Indian Ocean Territory (Chagos Archipel…	Heathrow Airport	Tokyo Haneda Airport	1
British Indian Ocean Territory (Chagos Archipel…	Los Angeles International Airport	Charles de Gaulle Airport	1
Cambodia	Dubai International Airport	Charles de Gaulle Airport	1
Cambodia	Heathrow Airport	Amsterdam Airport Schiphol	1
Cambodia	John F. Kennedy International Airport	Heathrow Airport	1

- Data Analytics 3
  Statement: Extracts each passenger's first name, last name, email address, and the total number of their travel bookings, grouping the results by the passenger's full name and email address.
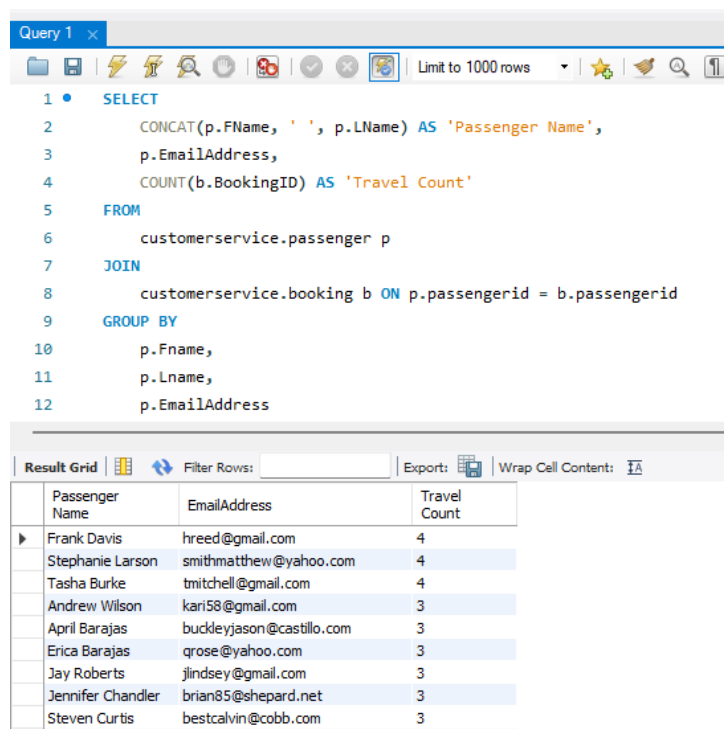
  SQL command explanation:
  - COUNT(b.BookingID) AS 'Travel Count' counts the total number of combinations in each group. We can know the pattern of passenger's route for each country passengers are from.
  - This query joins two tables.
  - We grouped the results by the first name, last name, and email address of the passengers for the COUNT command.
  - The results are ordered by the 'Travel Count' in descending order first, which means from most to least, then 'Passenger Name' in alphabetical order.

/*-- Data Analytics 3 --*/

```
SELECT
      CONCAT(p.FName, ' ', p.LName) AS 'Passenger Name',
      p.EmailAddress,
      COUNT(b.BookingID) AS 'Travel Count'
FROM
      customerservice.passenger p
JOIN
      customerservice.booking b ON p.passengerid = b.passengerid
GROUP BY
      p.Fname,
      p.Lname,
      p.EmailAddress
ORDER BY
      COUNT(b.BookingID) DESC,
      CONCAT(p.FName, ' ', p.LName);
```
/*-- Results --*/

- Data Analytics 4
  Statement: Extracts detailed passenger and flight information about the selected airline companies in the selected year (period) before 2024.

  SQL command explanation:
    - In the WHERE clause, we can select a specific year (range) by using parameters (=, <, >, =<, =>) to fetch more detailed data.
    - Similarly, we also can select specific airlines, and for example, we demonstrated whose names start with 'A' by using LIKE 'A%'.
    - The results are ordered by the departure dates in ascending order, which is from the older to the latest dates.

```
/*---------------------------------------------------- Data Analytics 4 ----------------------------------------------------*/
SELECT
       CONCAT(p.FName, ' ', p.LName) AS 'Passenger Name',
       p.sex,
       p.age,
       pay.PaymentStatus,
       pay.PaymentAmount,
       f.flightno,
       f.DepartureDate,
       f.ArrivalDate,
       f.DepartureAirportID,
       f.ArrivalAirportID,
       a.AirlineName,
       ap.model,
       ap.capacity
FROM
       FlightScheduling.FLIGHT f
JOIN
       FlightScheduling.AIRLINE a ON f.AirlineID = a.AirlineID
JOIN
       FlightScheduling.AIRLINE_AIRPLANE aa ON a.AirlineID = aa.AirlineID
JOIN
       FlightScheduling.AIRPLANE ap ON aa.AirplaneID = ap.AirplaneID
JOIN
       CustomerService.BOOKING b ON f.FlightID = b.FlightID
JOIN
       CustomerService.PASSENGER p ON b.PassengerID = p.PassengerID
JOIN
       CustomerService.PAYMENT pay ON b.PaymentID = pay.PaymentID
WHERE
       YEAR(f.DepartureDate) < 2024 AND a.AirlineName LIKE 'A%'
ORDER BY
       f.DepartureDate;
/*---------------------------------------------------- Results ----------------------------------------------------*/
```

```sql
SELECT
    CONCAT(p.FName, ' ', p.LName) AS 'Passenger Name',
    p.sex,
    p.age,
    pay.PaymentStatus,
    pay.PaymentAmount,
    f.flightno,
    f.DepartureDate,
    f.ArrivalDate,
    f.DepartureAirportID,
    f.ArrivalAirportID,
    a.AirlineName,
```

Passenger Name	sex	age	PaymentStatus	PaymentAmount	flightno	DepartureDate	ArrivalDate	DepartureAirportID	ArrivalAirportID	AirlineName	model	capacity
Erica Barajas	F	61	Pending	948.62	Yj3362	2021-02-08 19:15:00	2021-02-08 23:50:00	3	7	Air Canada	Airbus A380	853
Erica Barajas	F	61	Pending	948.62	Yj3362	2021-02-08 19:15:00	2021-02-08 23:50:00	3	7	Air Canada	Boeing 737-800	150
Jay Roberts	F	20	Failed	973.97	WT3848	2022-06-28 20:56:00	2022-06-29 01:52:00	4	7	Air Canada	Airbus A380	853
Jay Roberts	F	20	Failed	973.97	WT3848	2022-06-28 20:56:00	2022-06-29 01:52:00	4	7	Air Canada	Boeing 737-800	150
Stephanie Larson	F	24	Failed	601.25	fT0375	2022-09-12 18:27:00	2022-09-12 23:12:00	2	3	Air Canada	Airbus A380	853
Stephanie Larson	F	24	Failed	601.25	fT0375	2022-09-12 18:27:00	2022-09-12 23:12:00	2	3	Air Canada	Boeing 737-800	150

Result 36 ×

- Data Analytics 5
  Statement: Extracts each passenger's payment IDs and statuses for payments which are specific payment statuses (Processed, Pending, or Failed).

  SQL command explanation:
    o This query joins two tables.
    o In the WHERE clause, we can select a specific payment status (Processed, Pending, or Failed), and in our example, we fetched the payment data that failed.
    o The results are ordered by 'Passenger Name' in alphabetical order.

```sql
/*--------------------------------------------------- Data Analytics 5 --------------------------------------------------*/

SELECT
      CONCAT(p.FName, ' ', p.LName) AS 'Passenger Name',
      pay.paymentid,
      pay.paymentstatus
FROM
      CustomerService.Passenger p
JOIN
      CustomerService.Payment pay ON p.PassengerID = pay.paymentID
WHERE
      pay.paymentstatus = 'Failed'
ORDER BY
      CONCAT(p.FName, ' ', p.LName);
/*--------------------------------------------------- Results --------------------------------------------------*/
```

```
1 ● SELECT
2   CONCAT(p.FName, ' ', p.LName) AS 'Passenger Name',
3   pay.paymentid,
4   pay.paymentstatus
5   FROM
6   CustomerService.Passenger p
7   JOIN
8   CustomerService.Payment pay ON p.PassengerID = pay.paymentID
9   WHERE
10  pay.paymentstatus = 'Failed'
11  ORDER BY
12  CONCAT(p.FName, ' ', p.LName);
```

Passenger Name	paymentid	paymentstatus
Christopher Montgomery	7a968c6d-cd28-4202-b1a0-0dfd7be6592e	Failed
Christopher Montgomery	7f309353-b9c4-408d-a6cd-7113665ca3ec	Failed
Heather Richardson	4b51b6f8-e774-4b37-9f31-492dc3194bd4	Failed
Kevin Velez	15a5818b-8f6c-45c3-883a-84fcef6e7fd5	Failed
Steven Curtis	9ae876cd-dc74-434c-a6bf-139afa2bb8e9	Failed

APPENDIX

```
/* --------------------------------------------------Create Databases-------------------------------------------------------*/
Create DATABASE FlightScheduling;

Create DATABASE CustomerService;


/* --------------------------------------------------Create AIRPORT Table-------------------------------------------------
*/
Use FlightScheduling;
CREATE TABLE `AIRPORT` (
  `AirportID` BIGINT,
  `IATACode` VARCHAR(3),
  `ICAOCode` VARCHAR(4),
  `Name` VARCHAR(50),
  `City ` VARCHAR(25),
  `Country` VARCHAR(60),
  PRIMARY KEY (`AirportID`));

INSERT INTO flightscheduling.airport (AirportID, IataCode, IcaoCode, Name, City, Country) VALUES (1,
'LAX', 'KLAX', 'Los Angeles International Airport', 'Los Angeles', 'United States');
INSERT INTO flightscheduling.airport (AirportID, IataCode, IcaoCode, Name, City, Country) VALUES (2,
'JFK', 'KJFK', 'John F. Kennedy International Airport', 'New York', 'United States');
INSERT INTO flightscheduling.airport (AirportID, IataCode, IcaoCode, Name, City, Country) VALUES (3,
'LHR', 'EGLL', 'Heathrow Airport', 'London', 'United Kingdom');
INSERT INTO flightscheduling.airport (AirportID, IataCode, IcaoCode, Name, City, Country) VALUES (4,
'HND', 'RJTT', 'Tokyo Haneda Airport', 'Tokyo', 'Japan');
INSERT INTO flightscheduling.airport (AirportID, IataCode, IcaoCode, Name, City, Country) VALUES (5,
'DXB', 'OMDB', 'Dubai International Airport', 'Dubai', 'United Arab Emirates');
INSERT INTO flightscheduling.airport (AirportID, IataCode, IcaoCode, Name, City, Country) VALUES (6,
'CDG', 'LFPG', 'Charles de Gaulle Airport', 'Paris', 'France');
INSERT INTO flightscheduling.airport (AirportID, IataCode, IcaoCode, Name, City, Country) VALUES (7,
'AMS', 'EHAM', 'Amsterdam Airport Schiphol', 'Amsterdam', 'Netherlands');
INSERT INTO flightscheduling.airport (AirportID, IataCode, IcaoCode, Name, City, Country) VALUES (8,
'FRA', 'EDDF', 'Frankfurt am Main Airport', 'Frankfurt', 'Germany');


/* --------------------------------------------------Create AIRPLANE Table-------------------------------------------------*/

Use FlightScheduling;
CREATE TABLE `AIRPLANE` (
  `AirplaneID` BIGINT,
  `Capacity` INT,
  `Model` VARCHAR(50),
  PRIMARY KEY (`AirplaneID`));

INSERT INTO flightscheduling.airplane (AirplaneID, Capacity, Model) VALUES (1, 160, 'Airbus A320');
INSERT INTO flightscheduling.airplane (AirplaneID, Capacity, Model) VALUES (2, 150, 'Boeing 737-
800');
INSERT INTO flightscheduling.airplane (AirplaneID, Capacity, Model) VALUES (3, 366, 'Boeing 777-
300');
INSERT INTO flightscheduling.airplane (AirplaneID, Capacity, Model) VALUES (4, 242, 'Boeing 787-8');
INSERT INTO flightscheduling.airplane (AirplaneID, Capacity, Model) VALUES (5, 853, 'Airbus A380');
```

```sql
INSERT INTO flightscheduling.airplane (AirplaneID, Capacity, Model) VALUES (6, 178, 'Boeing 737
MAX 9');
INSERT INTO flightscheduling.airplane (AirplaneID, Capacity, Model) VALUES (7, 252, 'Airbus A350-
900');

INSERT INTO flightscheduling.airplane (AirplaneID, Capacity, Model) VALUES (8, 168, 'Bombardier
CS300');
```

/* ---Create AIRLINE Table---*/

```sql
Use FlightScheduling;
CREATE TABLE `AIRLINE` (
  `AirlineID` BIGINT,
  `AirlineName` VARCHAR(50),
  `Abbreviation` CHAR(3),
  PRIMARY KEY (`AirlineID`));

INSERT INTO flightscheduling.airline (AirlineID, AirlineName, AirlineNameAbbreviation) VALUES (1,
'American Airlines', 'AA');
INSERT INTO flightscheduling.airline (AirlineID, AirlineName, AirlineNameAbbreviation) VALUES (2,
'Delta Air Lines', 'DL');
INSERT INTO flightscheduling.airline (AirlineID, AirlineName, AirlineNameAbbreviation) VALUES (3,
'United Airlines', 'UA');
INSERT INTO flightscheduling.airline (AirlineID, AirlineName, AirlineNameAbbreviation) VALUES (4,
'Southwest Airlines', 'WN');
INSERT INTO flightscheduling.airline (AirlineID, AirlineName, AirlineNameAbbreviation) VALUES (5,
'Air Canada', 'AC');
INSERT INTO flightscheduling.airline (AirlineID, AirlineName, AirlineNameAbbreviation) VALUES (6,
'Lufthansa', 'LH');
INSERT INTO flightscheduling.airline (AirlineID, AirlineName, AirlineNameAbbreviation) VALUES (7,
'Air France', 'AF');
INSERT INTO flightscheduling.airline (AirlineID, AirlineName, AirlineNameAbbreviation) VALUES (8,
'British Airways', 'BA');
```

/* ---Create PASSENGER Table---*/

```sql
Use CustomerService;
CREATE TABLE `PASSENGER` (
  `PassengerID` BIGINT,
  `FName` VARCHAR(25),
  `LName` VARCHAR(25),
  `BirthDate` DATE,
  `Sex` CHAR(1),
  `Age` INT,
  `PhoneNumber` VARCHAR(15),
  `EmailID` VARCHAR(50),
  `Street` VARCHAR(100),
  `City` VARCHAR(25),
  `ZipCode` INT,
  `Country` VARCHAR(60),
  PRIMARY KEY (`PassengerID`));
```

INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (1, 'Michelle', 'Singh', '1986-01-23', 'F', 38, '305-960-9276', 'evansmark@acosta.com', '8614 Mills Junction Suite 868', 'Lake Veronica', 20273, 'Cocos Islands');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (2, 'Dana', 'Smith', '1978-02-13', 'F', 46, '963-865-7559', 'montoyaeric@phillips.com', '2043 Erin Gateway Apt. 790', 'North Jorge', 39115, 'Cape Verde');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (3, 'Harry', 'Brown', '1980-05-13', 'M', 44, '486-354-5459', 'katelyn59@yahoo.com', '51919 Joshua River', 'Charlesborough', 31502, 'Palau');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (4, 'Heather', 'Richardson', '1981-04-09', 'M', 43, '168-328-0446', 'christopherrobbins@hotmail.com', '586 Stephanie Mountain Suite 482', 'South Kristopherborough', 31186, 'Sweden');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (5, 'Ronald', 'Spencer', '1996-01-09', 'M', 28, '036-727-2567', 'robinsonangela@hotmail.com', '428 Maldonado Path Apt. 238', 'Cristinahaven', 65252, 'Peru');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (6, 'Leonard', 'Turner', '2002-12-16', 'F', 22, '889-862-4130', 'simmonsmichelle@gmail.com', '668 Charles Islands Suite 623', 'West Tylerton', 73179, 'Georgia');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (7, 'Christopher', 'Montgomery', '1979-03-23', 'M', 45, '819-645-8127', 'brownjeremy@hotmail.com', '1160 Chad Lake Suite 340', 'South Juliehaven', 91632, 'British Indian Ocean Territory (Chagos Archipelago)');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (8, 'Natasha', 'Clark', '1950-10-27', 'M', 74, '522-750-2649', 'weaverzachary@goodman.com', '289 Megan Shores Suite 852', 'Loganhaven', 13590, 'Turkey');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (9, 'Steven', 'Curtis', '2000-05-12', 'M', 24, '821-390-9953', 'bestcalvin@cobb.com', '0076 Cole Pine', 'Blairton', 1840, 'Antigua and Barbuda');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (10, 'Francisco', 'Davis', '1974-03-30', 'F', 50, '161-051-0573', 'delgadolindsey@moreno-molina.com', '1278 Anna Lodge', 'Smithland', 90830, 'Bangladesh');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (11, 'April', 'Barajas', '1955-11-21', 'M', 69, '659-445-2344', 'buckleyjason@castillo.com', '6281 Tracy Vista', 'Dannyland', 8358, 'Ireland');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (12, 'Joseph', 'Harris', '2005-07-29', 'F', 19, '534-715-1456', 'davidhill@gmail.com', '9595 Benjamin Garden', 'Griffintown', 64733, 'Sao Tome and Principe');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)

VALUES (13, 'Frank', 'Davis', '1992-03-10', 'M', 32, '934-578-8289', 'hreed@gmail.com', '69582 Powers Stream', 'Bonillaton', 71766, 'Saint Martin');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (14, 'Andrew', 'Wilson', '1997-11-09', 'F', 27, '858-808-8351', 'kari58@gmail.com', '550 Crane Fields', 'Mcconnellton', 17547, 'Guyana');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (15, 'Kevin', 'Velez', '2002-01-03', 'M', 22, '137-979-2009', 'thomasgregory@hotmail.com', '455 Jones Via', 'Coreyshire', 68743, 'Bahrain');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (16, 'Robin', 'Trevino', '1996-08-02', 'F', 28, '301-677-2375', 'omarmay@yahoo.com', '5592 Stanley Divide', 'North Juliafort', 64419, 'Norfolk Island');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (17, 'Erica', 'Barajas', '1963-06-08', 'F', 61, '828-899-7018', 'qrose@yahoo.com', '5604 Karen Estate', 'East Marychester', 40166, 'Peru');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (18, 'Taylor', 'Howe', '2005-03-21', 'F', 19, '915-555-1157', 'heatherrodriguez@davidson.com', '90119 Crystal Radial', 'East Melissaview', 48297, 'Mexico');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (19, 'Heather', 'Alvarado', '1985-09-08', 'M', 39, '909-772-5826', 'baguilar@sanders-perry.com', '4749 Kari Common Suite 503', 'Lamberthaven', 21498, 'Montserrat');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (20, 'Holly', 'Miller', '1984-02-19', 'M', 40, '279-577-5365', 'hancockpaula@gmail.com', '89811 Tracey Curve Suite 634', 'North Christopher', 72080, 'Mozambique');

INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (21, 'Jay', 'Roberts', '2004-01-06', 'F', 20, '005-567-5229', 'jlindsey@gmail.com', '21715 Rhonda Springs Apt. 256', 'Madelineland', 22951, 'Cote d\'Ivoire');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (22, 'Jennifer', 'Chandler', '1970-01-12', 'M', 54, '840-535-0650', 'brian85@shepard.net', '321 Flores Locks Suite 768', 'Dennisshire', 53730, 'Angola');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (23, 'Taylor', 'Berry', '1993-12-18', 'M', 31, '863-092-9035', 'johnfoster@yahoo.com', '297 Black Burg', 'South Nicoleburgh', 91635, 'Lithuania');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (24, 'Stephanie', 'Larson', '2000-07-13', 'F', 24, '753-294-9113', 'smithmatthew@yahoo.com', '1619 Dunn Wall Suite 074', 'Port Ryanfort', 77198, 'Cambodia');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (25, 'Tasha', 'Burke', '2003-02-13', 'F', 21, '527-681-3583', 'tmitchell@gmail.com', '947 Morgan Cliffs', 'New Donnachester', 86197, 'Kiribati');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)

VALUES (26, 'Beverly', 'Hurley', '1969-12-09', 'M', 29, '733-220-7012', 'christina65@lee-foster.com', '31728 Miller Plain Suite 942', 'Hannahland', 35203, 'Guernsey');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (27, 'Tyrone', 'Wilson', '1960-04-29', 'M', 33, '025-687-0873', 'murphymargaret@gmail.com', '433 Michael Estates', 'West Davidfurt', 19116, 'Saint Barthelemy');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (28, 'Meagan', 'Garrett', '1970-04-26', 'F', 68, '050-341-3681', 'nancy99@martinez.biz', '6422 Kevin Forge', 'Gregoryberg', 16006, 'Norfolk Island');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (29, 'Matthew', 'Stewart', '1988-08-18', 'M', 41, '898-397-7152', 'stephanie35@gmail.com', '86382 Green Glen Apt. 978', 'Veronicaland', 96673, 'Algeria');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (30, 'Henry', 'Tran', '1991-02-01', 'M', 26, '032-273-5275', 'powellamy@adkins.com', '51374 Lamb Isle Apt. 751', 'Tamarabury', 39871, 'Iraq');

INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (31, 'Katelyn', 'Bowers', '1954-12-26', 'M', 25, '989-658-3179', 'beckerrussell@rodgers.org', '856 Daniel Point Suite 970', 'Beverlyfurt', 47930, 'Argentina');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (32, 'Justin', 'Jefferson', '1963-05-02', 'M', 44, '083-043-3338', 'lori16@butler.com', '42814 Freeman Shoals', 'Williamton', 20458, 'Ecuador');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (33, 'Christopher', 'Richards', '1953-05-09', 'M', 26, '497-594-9216', 'pharvey@gmail.com', '586 Baker Dale', 'West Jamiemouth', 40512, 'Kiribati');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (34, 'Barbara', 'Smith', '1975-08-01', 'F', 42, '085-175-9043', 'franciscobradley@gmail.com', '2687 Moss Brook', 'Christopherfurt', 23238, 'Russian Federation');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (35, 'Amber', 'Medina', '1955-08-26', 'M', 42, '393-328-3726', 'brandon94@rivera-hawkins.net', '25568 White Wall Suite 272', 'East Kyle', 59823, 'Burundi');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (36, 'Andrew', 'Garcia', '2001-01-03', 'M', 58, '433-094-5773', 'loganjennifer@hernandez.org', '5724 Amy Club', 'South Sarah', 46434, 'Bahrain');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (37, 'Kenneth', 'Ray', '1993-05-03', 'M', 36, '778-628-4613', 'stacyfranco@sanchez.com', '1916 Randy Court Suite 524', 'Matthewsport', 69429, 'Burundi');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (38, 'Melinda', 'Cordova', '1956-01-20', 'M', 22, '646-834-0314', 'ssavage@gmail.com', '07143 Mills Brook', 'Moralesstad', 93320, 'Algeria');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age, PhoneNumber, EmailAddress, Street, City, ZipCode, Country)

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VALUES (39, 'William', 'Gregory', '1979-06-20', 'M', 66, '925-367-8661', 'melissa12@taylor-walker.com',
'567 Debra Ways Suite 818', 'Myerschester', 57819, 'France');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age,
PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (40, 'Deborah', 'Compton', '1994-03-28', 'M', 49, '734-474-1335', 'juansolomon@yahoo.com',
'67450 Michael Brooks Apt. 183', 'East Amy', 31319, 'Syrian Arab Republic');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age,
PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (41, 'Miguel', 'Galloway', '1973-12-14', 'M', 54, '634-869-3558', 'zschultz@hotmail.com', '429
Brian Road', 'New Matthew', 58520, 'Timor-Leste');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age,
PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (42, 'Shawn', 'Gill', '1957-07-27', 'F', 27, '172-801-9430', 'castillostacey@yahoo.com', '829
Johnson Mountain', 'Karinastad', 56566, 'Argentina');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age,
PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (43, 'Suzanne', 'Bowman', '1989-06-02', 'M', 44, '498-039-3444', 'christine05@gmail.com', '75691
Thomas Crest Apt. 949', 'Carlsonshire', 37460, 'Pitcairn Islands');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age,
PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (44, 'Michelle', 'Williams', '1982-10-08', 'F', 25, '417-457-9792', 'faulknerricky@ross.net', '35554
Ortiz Pass Suite 205', 'Jamesside', 97841, 'Djibouti');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age,
PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (45, 'Amanda', 'Park', '2003-09-01', 'F', 55, '727-694-4931', 'zwashington@callahan.net', '372
Davis Drive Apt. 787', 'South Michaelville', 44993, 'Bolivia');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age,
PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (46, 'Marvin', 'Bartlett', '1967-08-30', 'M', 38, '751-797-9268', 'anthonylane@gmail.com', '883
Moore Village', 'Donaldfurt', 99593, 'United States of America');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age,
PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (47, 'Patrick', 'Soto', '1979-10-25', 'M', 60, '515-953-7417', 'christophertucker@yahoo.com', '7999
Christian Course', 'Contrerashaven', 94939, 'Norfolk Island');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age,
PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (48, 'Eric', 'Cortez', '1965-01-29', 'F', 59, '853-699-6755', 'jacob97@strickland-lowe.com', '38080
Taylor Plains', 'North Robertbury', 19358, 'Zambia');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age,
PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (49, 'Eric', 'Reed', '1964-09-11', 'F', 43, '112-429-3515', 'jgomez@hotmail.com', '22561 Nicole
Corner', 'Johnville', 89840, 'Algeria');
INSERT INTO customerservice.passenger (PassengerID, FName, LName, BirthDate, Sex, Age,
PhoneNumber, EmailAddress, Street, City, ZipCode, Country)
VALUES (50, 'Suzanne', 'Fitzgerald', '1955-07-01', 'F', 56, '640-642-5715', 'bennettkelly@hotmail.com',
'1984 Rhodes Hollow', 'West Sydneyland', 93227, 'Hungary');


/* ------------------------------------------Create FLIGHT Table-------------------------------------------------*/

Use FlightScheduling;
CREATE TABLE `FLIGHT` (
  `FlightID` BIGINT,
  `FlightNo` VARCHAR(10),
```

```sql
`DepartureAirportID` BIGINT,
`DepartureDate` DATETIME,
`ArrivalAirportID` BIGINT,
`ArrivalDate` DATETIME,
`AirlineID` BIGINT,
`Flightcost` DECIMAL(10,2),
`AirplaneID` BIGINT,
PRIMARY KEY (`FlightID`));

INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate,
ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (8796, 'EY7086', 3, '2023-10-
17 19:44:00', 8, '2023-10-18 02:20:00', 7, 934.50, 4);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate,
ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (1031, 'Gc0312', 1, '2022-01-09
00:09:00', 8, '2022-01-09 05:55:00', 3, 442.60, 2);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate,
ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (7520, 'WT3848', 4, '2022-06-
28 20:56:00', 7, '2022-06-29 01:52:00', 5, 689.96, 5);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate,
ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (1552, 'eY6782', 8, '2020-05-07
08:04:00', 2, '2020-05-07 12:59:00', 1, 995.78, 3);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate,
ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (1333, 'wu8948', 3, '2022-01-
10 01:31:00', 1, '2022-01-10 06:06:00', 4, 522.77, 7);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate,
ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (7576, 'VQ2843', 5, '2022-10-
01 22:59:00', 7, '2022-10-02 03:04:00', 3, 791.11, 1);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate,
ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (3834, 'fT0375', 2, '2022-09-12
18:27:00', 3, '2022-09-12 23:12:00', 5, 419.95, 3);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate,
ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (6377, 'tA8415', 4, '2021-10-29
05:34:00', 6, '2021-10-29 10:19:00', 7, 500.00, 4);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate,
ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (8694, 'PE7845', 7, '2022-04-09
18:16:00', 3, '2022-04-09 23:01:00', 1, 366.44, 2);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate,
ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (2613, 'UH8994', 3, '2020-09-
27 05:25:00', 7, '2020-09-27 09:50:00', 2, 575.60, 3);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate,
ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (8253, 'xE2908', 4, '2021-09-18
19:26:00', 5, '2021-09-18 23:51:00', 4, 450.00, 5);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate,
ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (1671, 'hg6781', 7, '2020-02-13
04:11:00', 2, '2020-02-13 08:56:00', 6, 300.99, 6);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate,
ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (3681, 'uA9228', 7, '2020-03-
07 09:31:00', 5, '2020-03-07 14:16:00', 1, 260.00, 7);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate,
ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (8296, 'Zr6489', 3, '2023-03-21
23:19:00', 4, '2023-03-22 04:04:00', 3, 590.42, 8);
```

INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (3873, 'QR1958', 7, '2024-01-04 13:59:00', 8, '2024-01-04 18:44:00', 4, 650.75, 1);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (6976, 'Yj3362', 3, '2021-02-08 19:15:00', 7, '2021-02-08 23:50:00', 5, 800.60, 2);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (7440, 'CY1614', 1, '2021-06-01 09:55:00', 2, '2021-06-01 14:49:00', 6, 888.73, 4);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (3378, 'HJ3996', 1, '2021-11-27 22:58:00', 8, '2021-11-28 22:04:00', 8, 383.21, 8);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (6801, 'DQ7194', 2, '2024-02-01 12:00:00', 1, '2024-02-01 13:20:00', 4, 689.89, 3);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (6840, 'hB8654', 8, '2022-01-19 10:35:00', 5, '2022-01-19 16:17:00', 8, 456.07, 5);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (5925, 'rL7599', 3, '2020-11-04 15:34:00', 7, '2022-11-16 22:18:00', 7, 923.09, 2);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (4947, 'Yc7502', 8, '2024-01-28 12:10:00', 5, '2024-01-29 07:51:00', 4, 512.97, 5);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (5282, 'Ig1114', 8, '2023-02-25 19:37:00', 1, '2023-09-13 17:15:00', 2, 338.39, 6);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (4052, 'Ko6163', 7, '2020-05-06 21:17:00', 8, '2023-09-06 23:22:00', 2, 321.96, 6);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (9011, 'Rf2738', 5, '2023-01-04 00:06:00', 6, '2022-05-12 09:38:00', 7, 605.23, 4);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (6395, 'pO0344', 5, '2020-05-20 13:36:00', 7, '2020-05-20 18:01:00', 6, 336.47, 6);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (4422, 'Lk1744', 8, '2022-12-12 04:43:00', 5, '2023-04-28 14:27:00', 7, 626.13, 5);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (4821, 'lD6202', 4, '2022-07-27 01:24:00', 1, '2022-07-27 03:58:00', 7, 908.04, 5);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (7979, 'xt3266', 6, '2021-10-22 22:35:00', 8, '2022-12-03 03:55:00', 8, 459.46, 6);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (8358, 'Gs4413', 1, '2020-05-29 16:07:00', 3, '2021-09-06 13:03:00', 1, 297.39, 4);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (1071, 'uF5920', 1, '2020-08-13 19:05:00', 6, '2023-02-25 18:38:00', 2, 997.78, 7);

INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (5002, 'bo8770', 3, '2022-03-03 15:11:00', 7, '2022-03-04 01:06:00', 1, 558.57, 2);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (4897, 'cD6142', 7, '2020-12-24 14:57:00', 4, '2023-03-03 01:21:00', 7, 181.82, 2);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (8216, 'AE4092', 3, '2021-04-28 06:18:00', 5, '2021-04-28 19:45:00', 6, 142.40, 2);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (1696, 'gH5503', 3, '2021-02-24 09:44:00', 7, '2022-02-04 23:18:00', 2, 198.68, 8);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (7258, 'xQ1052', 1, '2022-01-24 04:42:00', 6, '2022-01-24 13:03:00', 4, 664.70, 3);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (2367, 'jV2867', 3, '2023-10-22 19:00:00', 1, '2023-10-23 05:14:00', 4, 812.87, 2);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (9383, 'il3237', 8, '2023-01-11 17:06:00', 6, '2023-01-12 00:56:00', 4, 479.94, 7);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (2584, 'Sx1658', 3, '2020-02-20 22:59:00', 4, '2022-05-05 14:20:00', 8, 157.17, 3);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (1726, 'Of9093', 3, '2023-07-22 17:03:00', 2, '2023-07-23 04:55:00', 3, 443.46, 4);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (5528, 'Gx0376', 6, '2021-11-04 00:51:00', 3, '2022-01-22 18:31:00', 7, 996.51, 6);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (6576, 'qF4449', 8, '2023-08-10 19:19:00', 2, '2024-01-02 14:32:00', 3, 576.20, 6);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (3932, 'Vr2787', 6, '2021-10-29 11:42:00', 1, '2021-10-30 00:23:00', 5, 973.97, 5);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (3753, 'DB5383', 6, '2020-07-14 16:12:00', 5, '2021-03-14 08:21:00', 8, 874.70, 8);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (2516, 'jh5006', 6, '2021-01-27 17:59:00', 2, '2021-02-19 17:53:00', 4, 110.33, 7);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (1262, 'Df9443', 6, '2023-10-03 16:51:00', 3, '2024-04-15 05:54:00', 2, 748.65, 5);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (2143, 'yz9447', 1, '2022-03-03 03:02:00', 6, '2022-03-03 21:56:00', 8, 713.54, 4);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (1627, 'tE1082', 6, '2022-05-07 12:43:00', 4, '2022-05-08 04:43:00', 2, 583.27, 6);

INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (6275, 'hF3340', 4, '2024-03-03 08:19:00', 2, '2024-03-03 14:57:00', 1, 340.14, 5);
INSERT INTO flightscheduling.flight (FlightID, FlightNo, DepartureAirportID, DepartureDate, ArrivalAirportID, ArrivalDate, AirlineID, Flightcost, AirplaneID) VALUES (7380, 'JI3242', 5, '2022-06-06 18:35:00', 2, '2022-12-24 00:17:00', 1, 676.87, 6);

/* -------------------------------------Create AIRLINE_AIRPLANE Table-------------------------------------*/

Use FlightScheduling;
CREATE TABLE `AIRLINE_AIRPLANE` (
  `AirlineID` BIGINT,
  `AirplaneID` BIGINT);

INSERT INTO flightscheduling.airline_airplane (AirlineID, AirplaneID) VALUES (6, 1);
INSERT INTO flightscheduling.airline_airplane (AirlineID, AirplaneID) VALUES (5, 2);
INSERT INTO flightscheduling.airline_airplane (AirlineID, AirplaneID) VALUES (4, 3);
INSERT INTO flightscheduling.airline_airplane (AirlineID, AirplaneID) VALUES (3, 4);
INSERT INTO flightscheduling.airline_airplane (AirlineID, AirplaneID) VALUES (5, 5);
INSERT INTO flightscheduling.airline_airplane (AirlineID, AirplaneID) VALUES (4, 6);
INSERT INTO flightscheduling.airline_airplane (AirlineID, AirplaneID) VALUES (2, 7);
INSERT INTO flightscheduling.airline_airplane (AirlineID, AirplaneID) VALUES (4, 8);

/* -------------------------------------Create PAYMENT Table---
*/

Use CustomerService;
CREATE TABLE `PAYMENT` (
  `PaymentID` VARCHAR(50),
  `PaymentStatus` VARCHAR(25),
  `PaymentDate` DATETIME,
  `PaymentAmount` DECIMAL(10,2),
  PRIMARY KEY (`PaymentID`));

INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount) VALUES ('ec46aac6-22ab-4d1b-a736-2bb0e005e79b', 'Failed', '2019-09-24 04:11', 128.89);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount) VALUES ('19ca982e-22d7-48ac-94cf-378db5cea55a', 'Processed', '2020-02-12 22:59', 157.17);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount) VALUES ('71fc8082-6607-4653-b9e7-dd9372ad0ece', 'Pending', '2019-06-25 09:31', 383.91);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount) VALUES ('b148799f-6013-4c1b-b3d2-a7c1a138bddc', 'Processed', '2020-02-18 21:17', 321.96);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount) VALUES ('c0961779-d109-49b8-a80f-efbe130e82a5', 'Processed', '2019-05-25 08:04', 441.51);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount) VALUES ('ca0aa533-c7fd-43de-b3da-b1085ef56459', 'Failed', '2019-07-13 13:36', 336.47);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount) VALUES ('053c97ff-7274-4a2a-bfa0-0928695b8ab1', 'Pending', '2019-10-17 16:07', 297.39);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount) VALUES ('dc263b13-fb29-4c47-88ff-3b46ee7504a2', 'Pending', '2019-10-18 16:12', 874.70);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount) VALUES ('b30aae77-87c1-4a25-b96c-506fbb43251d', 'Pending', '2020-05-24 19:05', 997.78);

INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('931d2a26-8fb5-4496-b8f3-a68fce5ffbaa', 'Failed', '2020-09-16 05:25', 798.40);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('4b51b6f8-e774-4b37-9f31-492dc3194bd4', 'Failed', '2020-03-29 15:34', 923.09);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('ce12403f-e9db-45d4-b017-a10d71f82c73', 'Failed', '2020-08-17 14:57', 181.82);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('2ae62960-500e-4854-84ff-93991cf7333b', 'Pending', '2020-07-10 17:59', 110.33);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('e1ec67d6-48d8-4168-8e0c-e5b4490bdabb', 'Pending', '2021-01-17 19:15', 948.62);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('eea30439-5ff9-4a1d-9e90-378fc9959079', 'Failed', '2020-08-06 09:44', 198.68);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('168b7291-2ed5-4405-9072-f5be6c121723', 'Pending', '2020-10-16 06:18', 142.40);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('2fdc638c-18f2-483a-9831-9475242c4415', 'Processed', '2020-12-22 09:55', 888.73);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('b1af185d-c9d6-478b-91ce-f8e4e3087578', 'Pending', '2021-08-06 19:26', 306.14);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('c0dc82ac-2911-435b-812e-33061435001b', 'Processed', '2021-05-28 22:35', 459.46);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('9a8d5bb9-c152-4f8f-a454-88366af3ce79', 'Pending', '2021-09-02 05:34', 716.15);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('fbb29a09-45fb-4fa8-9e44-6de617cc054a', 'Failed', '2021-02-28 11:42', 973.97);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('685931a7-3211-4f0c-9774-68be35fbfc0f', 'Failed', '2021-08-23 00:51', 996.51);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('15a5818b-8f6c-45c3-883a-84fcef6e7fd5', 'Failed', '2021-09-20 22:58', 383.21);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('b826338b-dc33-4b89-99d2-8cb54b42cd6d', 'Failed', '2021-07-14 00:09', 756.21);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('e3455c6a-0075-436b-a927-42235d79f75d', 'Failed', '2021-04-10 01:31', 990.57);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('81d920b8-f324-4e00-bca2-b0e6877d43ba', 'Pending', '2021-04-21 22:59', 456.07);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('0d2a1a29-9727-4ea7-9628-cb0397009d37', 'Failed', '2022-08-30 04:43', 626.13);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('f98e51b0-3db6-4dc3-a16b-706b4d7ab48b', 'Failed', '2023-01-01 17:06', 479.94);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('e935055c-ece8-42c9-b0ed-542703c81505', 'Failed', '2022-12-08 19:37', 338.39);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('44edd5ca-d57e-4af8-95f5-54c06197574f', 'Processed', '2022-08-27 23:19', 340.97);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('62dc56fc-17b4-4838-8737-b57691188725', 'Failed', '2022-11-01 17:03', 443.46);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('7f309353-b9c4-408d-a6cd-7113665ca3ec', 'Failed', '2022-11-17 19:19', 576.20);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('6cf67863-58c2-4f03-b857-80cd51664f7d', 'Processed', '2022-11-09 16:51', 748.65);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('058d0793-7694-4fa9-8aca-2c027faa4139', 'Failed', '2023-03-31 19:44', 254.02);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('61ce65ec-5182-4cb1-b941-da655c759fdf', 'Processed', '2023-02-25 19:00', 812.87);

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INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('b09211e1-f0db-4375-b24c-b1bdd56faaef', 'Failed', '2023-01-21 13:59', 289.88);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('99798f13-7bdc-4085-b918-6a29d752908c', 'Pending', '2024-01-15 12:10', 512.97);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('cbebaac8-a82e-4fe5-8a9d-eb05b09eb273', 'Failed', '2023-09-21 12:00', 689.89);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('63eef76c-8438-43fa-b7a3-6796f32c4d51', 'Processed', '2023-08-13 08:19', 340.14);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('11a15906-5341-429d-b06b-f1d9955d55cd', 'Processed', '2021-03-20 04:42', 664.70);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('224e7c5a-947c-466e-860e-bde345884ebc', 'Processed', '2021-10-16 03:02', 713.54);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('3ffe28de-98a3-4632-8b64-8c4f20097870', 'Processed', '2022-01-30 15:11', 558.57);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('b0a5ce47-725c-4163-afdd-887bdd86b0bd', 'Failed', '2021-07-15 18:16', 858.57);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('9ae876cd-dc74-434c-a6bf-139afa2bb8e9', 'Failed', '2021-12-13 12:43', 583.27);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('893c4f7a-236a-4445-b859-fa3ad4bb16dd', 'Failed', '2021-10-19 06:17', 605.23);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('cc49aaa6-5dc1-45c4-b887-305a47f4b65d', 'Processed', '2022-02-22 18:35', 676.87);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('7e7b8223-2c0a-487e-b187-d28735ac3365', 'Failed', '2021-06-27 20:56', 247.06);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('7a968c6d-cd28-4202-b1a0-0dfd7be6592e', 'Failed', '2022-04-25 01:24', 908.04);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('6e19e454-0844-4612-bda3-f969eca3fdca', 'Failed', '2022-01-14 18:27', 601.25);
INSERT INTO customerservice.payment (PaymentID, PaymentStatus, PaymentDate, PaymentAmount)
VALUES ('4a92e0d2-df10-4587-89b6-f45ef0ec284a', 'Pending', '2022-04-22 22:59', 676.00);


/* -----------------------------------------Create BOOKING Table---------------------------------------------*/

Use CustomerService;
CREATE TABLE `BOOKING` (
  `BookingID` BIGINT,
  `FlightID` BIGINT,
  `SeatNumber` VARCHAR(10),
  `PassengerID` BIGINT,
  `PaymentID` VARCHAR(50),
  PRIMARY KEY (`BookingID`));

INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (1, 8796, '77c', 14, 'e1ec67d6-48d8-4168-8e0c-e5b4490bdabb');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (2, 1031, '47V', 13, '19ca982e-22d7-48ac-94cf-378db5cea55a');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (3, 7520, '72j', 21, 'fbb29a09-45fb-4fa8-9e44-6de617cc054a');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (4, 1552, '13N', 20, 'c0961779-d109-49b8-a80f-efbe130e82a5');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (5, 1333, '12V', 5, 'e3455c6a-0075-436b-a927-42235d79f75d');
```

INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (6, 7576, '93L', 4, '4a92e0d2-df10-4587-89b6-f45ef0ec284a');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (7, 3834, '90K', 24, '6e19e454-0844-4612-bda3-f969eca3fdca');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (8, 6377, '43g', 21, '9a8d5bb9-c152-4f8f-a454-88366af3ce79');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (9, 8694, '88B', 11, 'b0a5ce47-725c-4163-afdd-887bdd86b0bd');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (10, 2613, '91e', 22, '931d2a26-8fb5-4496-b8f3-a68fce5ffbaa');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (11, 8253, '98g', 14, 'b1af185d-c9d6-478b-91ce-f8e4e3087578');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (12, 1671, '28u', 12, 'ec46aac6-22ab-4d1b-a736-2bb0e005e79b');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (13, 3681, '34l', 13, '71fc8082-6607-4653-b9e7-dd9372ad0ece');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (14, 8296, '00y', 7, '44edd5ca-d57e-4af8-95f5-54c06197574f');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (15, 3873, '69p', 9, 'b09211e1-f0db-4375-b24c-b1bdd56faaef');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (16, 6976, '08a', 17, 'e1ec67d6-48d8-4168-8e0c-e5b4490bdabb');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (17, 7440, '15T', 21, '2fdc638c-18f2-483a-9831-9475242c4415');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (18, 3378, '76q', 18, '15a5818b-8f6c-45c3-883a-84fcef6e7fd5');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (19, 6801, '49p', 3, 'cbebaac8-a82e-4fe5-8a9d-eb05b09eb273');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (20, 6840, '17f', 10, '81d920b8-f324-4e00-bca2-b0e6877d43ba');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (21, 5925, '74p', 24, '4b51b6f8-e774-4b37-9f31-492dc3194bd4');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (22, 4947, '64g', 17, '99798f13-7bdc-4085-b918-6a29d752908c');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (23, 5282, '56j', 13, 'e935055c-ece8-42c9-b0ed-542703c81505');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (24, 4052, '96d', 9, 'b148799f-6013-4c1b-b3d2-a7c1a138bddc');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (25, 9011, '29B', 24, '893c4f7a-236a-4445-b859-fa3ad4bb16dd');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (26, 6395, '34l', 1, 'ca0aa533-c7fd-43de-b3da-b1085ef56459');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (27, 4422, '58C', 16, '0d2a1a29-9727-4ea7-9628-cb0397009d37');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (28, 4821, '93E', 25, '7a968c6d-cd28-4202-b1a0-0dfd7be6592e');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (29, 7979, '13p', 19, 'c0dc82ac-2911-435b-812e-33061435001b');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (30, 8358, '18a', 6, '053c97ff-7274-4a2a-bfa0-0928695b8ab1');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (31, 1071, '84h', 25, 'b30aae77-87c1-4a25-b96c-506fbb43251d');

INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (32, 5002, '86H', 18, '3ffe28de-98a3-4632-8b64-8c4f20097870');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (33, 4897, '13z', 11, 'ce12403f-e9db-45d4-b017-a10d71f82c73');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (34, 8216, '81r', 19, '168b7291-2ed5-4405-9072-f5be6c121723');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (35, 1696, '52s', 8, 'eea30439-5ff9-4a1d-9e90-378fc9959079');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (36, 7258, '09d', 7, '11a15906-5341-429d-b06b-f1d9955d55cd');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (37, 2367, '84T', 22, '61ce65ec-5182-4cb1-b941-da655c759fdf');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (38, 9383, '76x', 25, 'f98e51b0-3db6-4dc3-a16b-706b4d7ab48b');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (39, 2584, '12H', 4, '19ca982e-22d7-48ac-94cf-378db5cea55a');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (40, 4587, '31M', 23, '62dc56fc-17b4-4838-8737-b57691188725');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (41, 9456, '05K', 17, '685931a7-3211-4f0c-9774-68be35fbfc0f');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (42, 6821, '47J', 11, '7f309353-b9c4-408d-a6cd-7113665ca3ec');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (43, 1934, '38D', 24, 'fbb29a09-45fb-4fa8-9e44-6de617cc054a');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (44, 3471, '51B', 13, 'dc263b13-fb29-4c47-88ff-3b46ee7504a2');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (45, 7698, '22V', 9, '2ae62960-500e-4854-84ff-93991cf7333b');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (46, 2611, '15F', 14, '6cf67863-58c2-4f03-b857-80cd51664f7d');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (47, 3412, '03S', 5, '224e7c5a-947c-466e-860e-bde345884ebc');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (48, 8255, '07L', 18, '9ae876cd-dc74-434c-a6bf-139afa2bb8e9');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (49, 2198, '20H', 22, '63eef76c-8438-43fa-b7a3-6796f32c4d51');
INSERT INTO customerservice.booking (BookingID, FlightID, SeatNumber, PassengerID, PaymentID)
VALUES (50, 3387, '29Q', 25, 'cc49aaa6-5dc1-45c4-b887-305a47f4b65d');