

# Assignment 3 Bonus

## SEAT\_RESERVATION

Flight_number	Leg_number	Date
AA101	1	2024-11-01
DL202	1	2024-11-02

## FLIGHT\_LEG

Departure_airport_code	Scheduled_departure_time
JFK	08:00:00
ORD	09:00:00

Airplane_type_name			Airport_code		
Boeing 737			JFK		
Airbus A320			LAX		
Airplane_id		Total_number_of_seats		Airplane_type	
AP123		150		Boeing 737	
AP124		160		Airbus A320	
Flight_number	Leg_number	Date	Seat_number	Customer_name	Customer_phone
AA101	1	2024-11-01	1A	John Doe	555-1234
DL202	1	2024-11-02	2B	Jane Smith	555-5678

## FLIGHT\_LEG

ne	Arrival_airport_code	Scheduled_arrival_time
	LAX	11:00:00
	JFK	12:00:00

## SEAT\_RESERVATION

Seat_number	Customer_name	Customer_phone
1A	John Doe	555-1234
2B	Jane Smith	555-5678

Airport_code	Name	City	State
JFK	John F. Kennedy International	New York	NY
LAX	Los Angeles International	Los Angeles	CA
ORD	O'Hare International	Chicago	IL

## AIRPLANE

Airplane_id	Total_number_of_seats	Airplane_type
AP123	150	Boeing 737
AP124	160	Airbus A320

## AIRPLANE\_TYPE

Airplane_type_name	Max_seats	Company
Boeing 737	150	Boeing
Airbus A320	160	Airbus

## AIRPORT

Airport_code	Name	City	State
JFK	John F. Kennedy International	New York	NY
LAX	Los Angeles International	Los Angeles	CA
ORD	O'Hare International	Chicago	IL

LEG\_INSTANCE

Flight_number	Leg_number	Date
AA101	1	2024-11-01
DL202	1	2024-11-02

Flight_number	Airline	Weekdays
AA101	American Airlines	Monday, Wednesday, Friday
DL202	Delta Airlines	Tuesday, Thursday, Saturday

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## CAN\_LAND

Airplane_type_name	Airport_code
Boeing 737	JFK
Airbus A320	LAX

## Customers

customer_id	first_name	last_name	age
1	John	Doe	31
2	Robert	Luna	22
3	David	Robinson	22
4	John	Reinhardt	25
5	Betty	Doe	28

## FARE

Flight_number	Fare_code	Amount	Restriction
AA101	F1	100	Non-refundable
DL202	F2	75	Refundable with fee

LEG\_INSTANCE

Number_of_available_seats	Airplane_id
50	AP123
45	AP124

Flight_number	Leg_number	Departure_airport_code	Scheduled_departure_time	Arrival_airport_code	Scheduled_arrival_time
AA101	1	JFK	08:00:00	LAX	11:00:00
DL202	1	ORD	09:00:00	JFK	12:00:00

FLIGHT

Flight_number	Airline	Weekdays
AA101	American Airlines	Monday, Wednesday, Friday
DL202	Delta Airlines	Tuesday, Thursday, Saturday

LEG\_INSTANCE

Departure_airport_code	Departure_time
JFK	08:05:00
ORD	09:10:00

Flight_number	Leg_number	Date	Number_of_available_seats	Airplane_id	Departure_airport_code	Departure_time	Arrival_airport_code
AA101	1	2024-11-01	50	AP123	JFK	08:05:00	LAX
DL202	1	2024-11-02	45	AP124	ORD	09:10:00	JFK

LEG\_INSTANCE

Departure_time	Arrival_airport_code	Arrival_time
08:05:00	LAX	11:05:00
09:10:00	JFK	12:10:00

FLIGHT\_LEG

Flight_number	Leg_number	Departure_airport_code
AA101	1	JFK
DL202	1	ORD

Flight_number	Fare_code	Amount	Restrictions
AA101	F1	100	Non-refundable
DL202	F2	75	Refundable with fee

Airplane_type_name	Max_seats	Company
Boeing 737	150	Boeing
Airbus A320	160	Airbus