Result Screen Shots

```
74 ●   DESC Airline;
75 ●   DESC MileagePrograms;
76 ●   DESC Flights;
77 ●   DESC Passengers;
78 ●   DESC TravelAgencies;
79 ●   DESC Booking;
80 ●   DESC BookEDflights;
81 ●   DESC MenuOption;
82 ●   DESC SYSTEMs;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: 𝐼A

Field	Type	Null	Key	Default	Extra
► AirlineCode	varchar(10)	NO	PRI	NULL	
AirlineName	varchar(255)	YES		NULL	
HeadquartersAddress	varchar(255)	YES		NULL	

Field	Type	Null	Key	Default	Extra
ProgramCode	varchar(10)	NO	PRI	NULL	
Description	varchar(255)	YES		NULL	
StartDate	date	YES		NULL	
AirlineCode	varchar(10)	YES	MUL	NULL	

Field	Type	Null	Key	Default	Extra
► FlightNumber	varchar(20)	NO	PRI	NULL	
DayOfWeek	varchar(20)	YES		NULL	
DepartureTime	time	YES		NULL	

Field	Type	Null	Key	Default	Extra
PassengerNumber	int	NO	PRI	NULL	auto_increment
Name	varchar(255)	YES		NULL	
Gender	varchar(10)	YES		NULL	

Field	Type	Null	Key	Default	Extra
AgencyCode	varchar(10)	NO	PRI	NULL	
AgencyName	varchar(255)	YES		NULL	
ContactPerson	varchar(255)	YES		NULL	

Field	Type	Null	Key	Default	Extra
TravelCode	varchar(10)	NO	PRI	NULL	
PassengerNumber	int	NO	PRI	NULL	

Field	Type	Null	Key	Default	Extra
FlightNumber	varchar(20)	YES	MUL	NULL	
PassengerNumber	int	YES	MUL	NULL	
Date	date	YES		NULL	
ArrivalTime	time	YES		NULL	
Origin	varchar(255)	YES		NULL	
Destination	varchar(255)	YES		NULL	
Stops	int	YES		NULL	

	Field	Type	Null	Key	Default	Extra
▶	MenuCode	varchar(10)	NO	PRI	NULL	
	PassengerNumber	int	YES	MUL	NULL	
	Description	varchar(255)	YES		NULL	

82 ●   DESC CrewDetails;

Result Grid | | Filter Rows: | | Export: | | Wrap Cell Co

Field	Type	Null	Key	Default	Extra
CrewmemberID	int	NO	PRI	NULL	
FlightNumber	varchar(20)	YES		NULL	
PilotName	varchar(255)	YES		NULL	
SeatNumber	varchar(10)	YES		NULL	
PassengerNumber	int	YES	MUL	NULL	

Result Grid | | Filter Rows: | | Edit: | Export/Import: | | Wrap Cell Content: IA

	AirlineCode	AirlineName	HeadquartersAddress
▶	AA	American Airlines	Fort Worth, Texas, USA
	DL	Delta Air Lines	Atlanta, Georgia, USA
	UA	United Airlines	Chicago, Illinois, USA
*	NULL	NULL	NULL

Airline 22 ×   MileagePrograms 23   Flights 24   Passengers 25   TravelAgencies 26   Booking 27   BookedFlights 28   MenuOption 29   CrewDetails 30

Result Grid | | Filter Rows: | | Edit: | Export/Import: | | Wrap Cell Content: IA

	ProgramCode	Description	StartDate	AirlineCode
▶	AA01	AAdvantage	2020-01-01	AA
	DL01	SkyMiles	2019-05-01	DL
	UA01	MileagePlus	2018-07-01	UA
*	NULL	NULL	NULL	NULL

Airline 22   MileagePrograms 23 ×   Flights 24   Passengers 25   TravelAgencies 26   Booking 27   BookedFlights 28   MenuOption 29   CrewDetails 30

Result Grid | Filter Rows: | Edit:

	FlightNumber	DayOfWeek	DepartureTime
▶	AA1001	Monday	08:00:00
	DL2001	Tuesday	10:30:00
	UA3001	Wednesday	12:45:00
*	NULL	NULL	NULL

Result Grid | Filter Rows: | Edit:

	PassengerNumber	Name	Gender
▶	1	John Smith	Male
	2	Emily Johnson	Female
	3	Michael Brown	Male
*	NULL	NULL	NULL

Airline 22   MileagePrograms 23   Flights 24   Passengers 25 ×

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

	AgencyCode	AgencyName	ContactPerson
▶	TA001	Travel World	Sarah Johnson
	TA002	Global Travels	James Smith
*	NULL	NULL	NULL

Airline 22   MileagePrograms 23   Flights 24   Passengers 25   TravelAgencies 26 ×   Booking 27   BookedFlights 28   MenuOption 29   CrewDetails 30

Output

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

	TravelCode	PassengerNumber
▶	TA001	1
	TA002	2
	TA002	3
*	NULL	NULL

Airline 22   MileagePrograms 23   Flights 24   Passengers 25   TravelAgencies 26   Booking 27 ×   BookedFlights 28   MenuOption 29   CrewDetails 30

Result Grid | Filter Rows: | Export: | Wrap Cell Content: $\text{I}\overline{\text{A}}$

	FlightNumber	PassengerNumber	Date	ArrivalTime	Origin	Destination	Stops
▶	AA1001	1	2024-04-15	10:30:00	New York	Los Angeles	1
	DL2001	2	2024-04-18	13:45:00	Los Angeles	Atlanta	0
	UA3001	3	2024-04-20	15:15:00	Chicago	Houston	1

Airline 22 | MileagePrograms 23 | Flights 24 | Passengers 25 | TravelAgencies 26 | Booking 27 | BookedFlights 28 × | MenuOption 29 | CrewDetails 30

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: $\text{I}\overline{\text{A}}$

	MenuCode	PassengerNumber	Description
▶	M001	1	Vegetarian Meal
	M002	2	Gluten-Free Meal
	M003	3	Child Meal
*	NULL	NULL	NULL

Airline 22 | MileagePrograms 23 | Flights 24 | Passengers 25 | TravelAgencies 26 | Booking 27 | BookedFlights 28 | MenuOption 29 × | CrewDetails 30

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: $\text{I}\overline{\text{A}}$

	CrewmemberID	FlightNumber	PilotName	SeatNumber	PassengerNumber
▶	101	AA1001	John Doe	CPT01	1
	102	DL2001	Jane Smith	CPT02	2
	103	UA3001	Michael Johnson	CPT03	3
*	NULL	NULL	NULL	NULL	NULL

Airline 22 | MileagePrograms 23 | Flights 24 | Passengers 25 | TravelAgencies 26 | Booking 27 | BookedFlights 28 | MenuOption 29 | CrewDetails 30 ×

```sql
140 •    SELECT AirlineName, HeadquartersAddress
141      FROM Airline;
142
143 •    SELECT mp.Description, a.AirlineName
144      FROM MileagePrograms mp
```

Result Grid | Filter Rows: | Export: | Wrap C

AirlineName	HeadquartersAddress
American Airlines	Fort Worth, Texas, USA
Delta Air Lines	Atlanta, Georgia, USA
United Airlines	Chicago, Illinois, USA

```sql
•    SELECT mp.Description, a.AirlineName
     FROM MileagePrograms mp
     JOIN Airline a ON mp.AirlineCode = a.AirlineCode;

•    SELECT *
```

lt Grid | Filter Rows: | Export: | Wrap Cell Conten

Description	AirlineName
AAdvantage	American Airlines
SkyMiles	Delta Air Lines
MileagePlus	United Airlines

```
147 •    SELECT *
148      FROM Flights
149      WHERE DayOfWeek = 'Monday';
150
151 •    SELECT b.*, p.Name AS PassengerName
152      FROM Booking b
```

Result Grid | Filter Rows: | Edit:

	FlightNumber	DayOfWeek	DepartureTime
▶	AA1001	Monday	08:00:00
*	NULL	NULL	NULL

```
150
151 •    SELECT b.*, p.Name AS PassengerName
152      FROM Booking b
153      JOIN Passengers p ON b.PassengerNumber = p.PassengerNumber
154      WHERE b.TravelCode = 'TA001';
155
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

	TravelCode	PassengerNumber	PassengerName
▶	TA001	1	John Smith

John Smith

```sql
6 •    SELECT cd.FlightNumber, cd.PilotName, cd.SeatNumber, p.Name AS PassengerName
7      FROM CrewDetails cd
8      LEFT JOIN Passengers p ON cd.PassengerNumber = p.PassengerNumber;
9
```

sult Grid | ▦ ⇅ Filter Rows: [   ] | Export: 🖫 | Wrap Cell Content: 🔠

FlightNumber	PilotName	SeatNumber	PassengerName
AA1001	John Doe	CPT01	John Smith
DL2001	Jane Smith	CPT02	Emily Johnson
UA3001	Michael Johnson	CPT03	Michael Brown