

AIRLINE COMPANY DATABASE

This database stores information about an airline company.
It has four tables with the following metadata:

Table AIRPLANES(AIRCRAFT_REGISTRATION, SEATS, BUILD_DATE)

This table contains one row for every plane in the company.

It has the following fields:

- **AIRCRAFT_REGISTRATION:** is a unique alphanumeric string that identifies a civil aircraft, in similar fashion to a license plate on an automobile. Column data type is CHAR(7) and must not contain nulls.
- **SEATS** is the total number of seats for the passengers the airplane has. Column data type is INTEGER.
- **BUILD_DATE** is the date the airplane was build. Column data type is DATE.

Table PASSENGERS (ID, NAME, BIRTH_DATE, TELEPHONE)

This table stores the passengers that have travelled with the company, it has 1 row for every different passenger.

It has the following attributes:

- **ID** is the unique passenger identification. Column data type is CHAR(5) and must not contain nulls.
- **NAME** is the first and last name of the passenger. Column data type is CHAR(20) and must not contain nulls.
- **BIRTH_DATE** is the date the passenger was born. Column data type is DATE.
- **TELEPHONE** is the passenger phone number. Column data type is CHAR(9).

Table ROUTES (ROUTE_CODE, ORIGIN, DESTINATION, DISTANCE, PRICE)

This table store one row for each available route in the company.

It has the following attributes:

- **ROUTE_CODE** is a unique identification for every route. Column data type is CHAR(5) and must not contain nulls.
- **ORIGIN** is the city where the plane departs. Column data type is CHAR(15) and must not contain nulls.
- **DESTINATION** is the city where the plane arrives. Column data type is CHAR(15) and must not contain nulls.
- **DISTANCE** is the number of kilometers between origin and destination. Column data type is INTEGER.
- **PRICE** is the price in Euros of this route. Column data type is DECIMAL (5,2).

Table TICKETS (TICKET_ID, PASSENGER_ID, ROUTE_CODE, AIRCRAFT_ID, FLIGHT_DATE)

This table stores one row for each ticket issued by the airline company for every seat for a certain airplane to a passenger for a certain route in a certain day.

It has the following columns:

- **TICKET_ID:** Is a unique identification for the ticket. Column data type is CHAR(7) and must not contain nulls.
- **PASSENGER_ID:** Is the identification of the passenger as it appears in the PASSENGERS table. Column data type is CHAR(5)
- **ROUTE_CODE:** is the identification of the route as it appears in the ROUTES table. Column data type is CHAR(5)
- **AIRCRAFT_ID:** is the identification for the airplane as it appears in the AIRPLANES table (AIRCRAFT_REGISTRATION). Column data type is CHAR(7)
- **FLIGHT_DATE** is the date the plane departure for this ticket. Column data type is DATE.