

-- Eliminar tabla si existe y luego crear la tabla catálogo "airlines"

DROP TABLE IF EXISTS airlines;

CREATE TABLE airlines (

carrier VARCHAR(45) PRIMARY KEY,

name TEXT

);

-- Eliminar tabla si existe y luego crear la tabla catálogo "airports"

DROP TABLE IF EXISTS airports;

CREATE TABLE airports (

faa VARCHAR(45) PRIMARY KEY,

name TEXT,

lat VARCHAR(45),

lon VARCHAR(45),

alt VARCHAR(45),

tz VARCHAR(45),

dst VARCHAR(45),

tzone TEXT

);

-- Eliminar tabla si existe y luego crear la tabla catálogo "planes"

DROP TABLE IF EXISTS planes;

CREATE TABLE planes (

tailnum VARCHAR(45) PRIMARY KEY,

year VARCHAR(45),

type TEXT,

manufacturer TEXT,

model VARCHAR(45),

engines DECIMAL,

seats DECIMAL,

```
speed VARCHAR(45),  
engine TEXT  
);
```

```
-- Eliminar tabla si existe y luego crear la tabla catálogo "weather"
```

```
DROP TABLE IF EXISTS weather;
```

```
CREATE TABLE weather (  
    origin VARCHAR(45),  
    year DECIMAL,  
    month DECIMAL,  
    day DECIMAL,  
    hour DECIMAL,  
    temp VARCHAR(45),  
    dewp VARCHAR(45),  
    humid VARCHAR(45),  
    wind_dir VARCHAR(45),  
    wind_speed VARCHAR(45),  
    wind_gust VARCHAR(45),  
    precip VARCHAR(45),  
    pressure VARCHAR(45),  
    visib VARCHAR(45),  
    time_hour DATETIME,  
    FOREIGN KEY (origin) REFERENCES airports(faa)  
);
```

```
-- Eliminar tabla si existe y luego crear la tabla "flights"
```

```
DROP TABLE IF EXISTS flights;
```

```
CREATE TABLE flights (  
    year DECIMAL,  
    month DECIMAL,
```

```
day DECIMAL,  
dep_time VARCHAR(45),  
sched_dep_time DECIMAL,  
dep_delay VARCHAR(45),  
arr_time VARCHAR(45),  
sched_arr_time DECIMAL,  
arr_delay VARCHAR(45),  
carrier VARCHAR(45),  
flight VARCHAR(45),  
tailnum VARCHAR(45),  
origin VARCHAR(45),  
dest VARCHAR(45),  
air_time DECIMAL,  
distance DECIMAL,  
hour DECIMAL,  
minute DECIMAL,  
time_hour DATETIME,  
FOREIGN KEY (carrier) REFERENCES airlines(carrier),  
FOREIGN KEY (tailnum) REFERENCES planes(tailnum),  
FOREIGN KEY (origin) REFERENCES airports(faa),  
FOREIGN KEY (dest) REFERENCES airports(faa)  
);
```