-- 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)

);