**Schema**

**Airline**

airline\_id SERIAL PRIMARY KEY

carrier\_name VARCHAR(50)

**Airport**

airport\_id SERIAL PRIMARY KEY

airport VARCHAR(5)

city VARCHAR(50)

**Flight**

flight\_id SERIAL PRIMARY KEY

month INT

total\_arrivals FLOAT

total\_delays\_ct FLOAT

flight\_cancelled FLOAT

flight\_diverted FLOAT

total\_delays\_min FLOAT

airline\_id INT REFERENCES airline(airline\_id)

airport\_id INT REFERENCES airport(airport\_id)

**Delay**

delay\_id SERIAL PRIMARY KEY

flight\_id INT REFERENCES flight(flight\_id)

delay\_type VARCHAR(50)

delay\_duration FLOAT

**SQL:**  
CREATE TABLE airline (

airline\_id SERIAL PRIMARY KEY,

carrier\_name VARCHAR(50)

);

CREATE TABLE airport (

airport\_id SERIAL PRIMARY KEY,

airport VARCHAR(5),

city VARCHAR(50)

);

CREATE TABLE flight (

flight\_id SERIAL PRIMARY KEY,

month INT,

total\_arrivals FLOAT,

total\_delays\_ct FLOAT,

flight\_cancelled FLOAT,

flight\_diverted FLOAT,

total\_delays\_min FLOAT,

airline\_id INT REFERENCES airline(airline\_id),

airport\_id INT REFERENCES airport(airport\_id)

);

CREATE TABLE delay (

delay\_id SERIAL PRIMARY KEY,

flight\_id INT REFERENCES flight(flight\_id),

delay\_type VARCHAR(50),

delay\_duration FLOAT

);