# // Load Nodes

## // Load Flights

USING PERIODIC COMMIT LOAD CSV WITH HEADERS FROM "https://raw.githubusercontent.com/ChadRyanBailey/607-Data-Acquisition-and-Management/master/607-Week12-Assignment/03\_flights2\_exports/flights.csv" AS flights CREATE (n:Flights {number: flights.Flight, departTime: flights.Dep\_Time, arrivalTime: flights.arr\_Time, distance: flights.Distance, airTime: flights.Air\_Time});

## // Load Airlines

USING PERIODIC COMMIT LOAD CSV WITH HEADERS FROM "https://raw.githubusercontent.com/ChadRyanBailey/607-Data-Acquisition-and-Management/master/607-Week12-Assignment/03\_flights2\_exports/airlines.csv" AS airlines CREATE (:Airlines {airlineCode: airlines.Carrier, airlineName: airlines.Name});

## // Load Airports

USING PERIODIC COMMIT LOAD CSV WITH HEADERS FROM "https://raw.githubusercontent.com/ChadRyanBailey/607-Data-Acquisition-and-Management/master/607-Week12-Assignment/03\_flights2\_exports/airports.csv" AS airports CREATE (:Airports {airportCode: airports.FAA, airportName: airports.Name});

## // Load Planes

USING PERIODIC COMMIT LOAD CSV WITH HEADERS FROM "https://raw.githubusercontent.com/ChadRyanBailey/607-Data-Acquisition-and-Management/master/607-Week12-Assignment/03\_flights2\_exports/planes.csv" AS planes CREATE (n:Planes {tailNumber: planes.TailNum, capacity: planes.Seats, speed: planes.Speed});

# // Load Relationships

# // Load Flights to Departure Airport

USING PERIODIC COMMIT LOAD CSV WITH HEADERS FROM "https://raw.githubusercontent.com/ChadRyanBailey/607-Data-Acquisition-and-Management/master/607-Week12-Assignment/03\_flights2\_exports/flights.csv" AS flights MATCH (a:Flights {number: flights.flight}), (b:Airports {airportCode: flights.origin}) CREATE (a) -[r:Departs]->(b);

USING PERIODIC COMMIT LOAD CSV WITH HEADERS FROM "https://raw.githubusercontent.com/ChadRyanBailey/607-Data-Acquisition-and-Management/master/607-Week12-Assignment/03\_flights2\_exports/flights.csv" AS flights MATCH (a:Flights {number: flights.flight}), (b:Airports {airportCode: flights.origin}) MERGE (a)-[r:Departs]->(b);

C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/Data 607/flights export/flights.csv

Airilnes.carrier = flights.carrier

Airports.faa = flights.origin

Airports.faa = flights.dest

Planes.tailnum = flights.tailnum

(Weather.origin  
 + weather.year  
 + weather.month  
 + weather.day  
 + weather.hour) =

(Flights.origin  
 + Flights.year  
 + Flights.month  
 + Flights.day  
 + Flights.hour)