**Airports 6 nodig**

Create(Schiphol:Airport{name:'Schiphol',city:'Amsterdam',size:'Medium',}),

(Venezia:Airport{name:'Venezia Marco Polo',city:'Venezia' ,size:'Medium'}),(Heathrow:Airport{name:'Heathrow',city:'London' ,size:'Large'}),(Rome:Airport{name:'Rome Airport',city:'Rome' ,size:'Large'}),(Berlin:Airport{name:'Berlin Airport',city:'Berlin' ,size:'Medium'}),(Stockholm:Airport{name:'Stockholm Airport',city:'Stockholm', size:'Small'});

**Terminal 30 nodig**

Create(ta:Terminal{tname:'Terminal A'}),(tb:Terminal{tname:'Terminal B'}),(tc:Terminal{tname:'Terminal C'}),(td:Terminal{tname:'Terminal D'}),(te:Terminal{tname:'Terminal E'});

**Gates 90 nodig**

Create(g1:gate{gateNumber:'Gate 1'}),(g2:gate{gateNumber:'Gate 2'}),(g4:gate{gateNumber:'Gate 4'}),(g3:gate{gateNumber:'Gate 3'}),(g5:gate{gateNumber:'Gate 5'}),(g6:gate{gateNumber:'Gate 6'}),(g7:gate{gateNumber:'Gate 7'}),(g8:gate{gateNumber:'Gate 8'}),(g9:gate{gateNumber:'Gate 9'}),(g10:gate{gateNumber:'Gate 10'}),(g11:gate{gateNumber:'Gate 11'}),(g12:gate{gateNumber:'Gate 12'}),(g13:gate{gateNumber:'Gate 13'}),(g14:gate{gateNumber:'Gate 14'}),(g15:gate{gateNumber:'Gate 15'});

**Bedrijven 5 nodig**

Create(Lufthansa:company{name:'Lufthansa'}),(KLM:company{name:'KLM'}),(RyanAir:company{name:'RyanAir'}),(Corendon:company{name:'Corendon'}),(Ruair:company{name:'Ruair'});

**Flights**

Create(f1:Flight{number: 'FL23'}),(f2:Flight{number: 'FL653'}),(f3:Flight{number: 'FL222'}),(f4:Flight{number: 'FL109'}),(f5:Flight{number: 'FL666'});

**Gates linken aan terminals**

Match(g1:gate{gateNumber:'Gate 4'}), (g2:gate{gateNumber:'Gate 5'}), (g3:gate{gateNumber:'Gate 6'}),(t:Terminal{tname:'Terminal B'})

Create(g1)-[st1:state{state: 'Boarding'}]->(t), (g2)-[st2:state{state: 'Closed'}]->(t), (g3)-[st3:state{state: 'Closed'}]->(t)

**Terminals linken aan airports**

Match(ta:Terminal{tname:'Terminal A'}),(bt:Terminal{tname:'Terminal B'}),(ct:Terminal{tname:'Terminal C'}),(td:Terminal{tname:'Terminal D'}),(te:Terminal{tname:'Terminal E'}),(air:Airport{name:'Venezia Marco Polo'})

Create(air)-[h1:Has]->(ta), (air)-[h2:Has]->(tb), (air)-[h3:Has]->(tc), (air)-[h4:Has]->(td), (air)-[h5:Has]->(te)