### Pitfalls detected:

## Results for P36: URI contains file extension.

## Ontology\* **Minor**

**METRICS**

Axiom: 285

Logical axiom count: 158

Declaration axioms count: 118

Class count: 39

Object property count: 26

Data property count: 31

Individual count: 22

Annotation Property count: 10

SubClassOf: 38

EquivalentClasses: 0

DisjointClasses: 0

GCI count: 0

Hidden GCI Count: 0

SubObjectPropertyOf: 0

EquivalentObjectProperties: 0

InverseObjectProperties: 0

DisjointObjectProperties: 0

FunctionalObjectProperty: 0

InverseFunctionalObjectProperty: 0

TransitiveObjectProperty: 0

SymmetricObjectProperty: 0

AsymmetricObjectProperty: 0

ReflexiveObjectProperty: 0

IrrefexiveObjectProperty: 0

ObjectPropertyDomain: 12

ObjectPropertyRange: 9

SubPropertyChainOf: 0

SubDataPropertyOf: 0

EquivalentDataProperties: 0

DisjointDataProperties: 0

FunctionalDataProperty: 0

DataPropertyDomain: 32

DataPropertyRange: 32

ClassAssertion: 0

ObjectPropertyAssertion: 22

DataPropertyAssertion: 13

NegativeObjectPropertyAssertion: 0

NegativeDataPropertyAssertion: 0

SameIndividual: 0

DifferentIndividuals: 0

AnnotationAssertion: 9

AnnotationPropertyDomain: 0

AnnotationPropertyRangeOf: 0

SPAR

PREFIX ex: <http://example.org/schema#>

# CGQ1 Passenger

# Q1 Passenger's Name

SELECT ?name

WHERE {

?passenger a ex:Passenger ;

ex:name "Lewis Hamilton" .

BIND("Lewis Hamilton" AS ?name)

}

# Q2 Passenger's Contact Information

SELECT ?tel ?email

WHERE {

?passenger a ex:Passenger ;

ex:tel "34600654231" ;

ex:email "jsanz@fi2.upm2.es" .

BIND("34600654231" AS ?tel)

BIND("jsanz@fi2.upm2.es" AS ?email)

}

# Q3 Passenger's Pick-Up Location

SELECT ?pickupLocation

WHERE {

?passenger a ex:Passenger ;

ex:pickupLocation "123 Main Street, Cityville" .

BIND("123 Main Street, Cityville" AS ?pickupLocation)

}

# Q4 Passenger's Drop-Off Location

SELECT ?dropOffLocation

WHERE {

?passenger a ex:Passenger ;

ex:dropOffLocation "456 Elm Street, Townsville" .

BIND("456 Elm Street, Townsville" AS ?dropOffLocation)

}

# Q5 Passenger's Preferred Ride Time

SELECT ?preferredRideTime

WHERE {

?passenger a ex:Passenger ;

ex:preferredRideTime "2024-05-26T10:00:00" .

BIND("2024-05-26T10:00:00" AS ?preferredRideTime)

}

# Q6 Passenger's Preferred Cab Type

SELECT ?preferredCabType

WHERE {

?passenger a ex:Passenger ;

ex:preferredCabType "Karachi" .

BIND("Karachi" AS ?preferredCabType)

}

# Q7 Additional Passenger Requirements

SELECT ?additionalRequirements

WHERE {

?passenger a ex:Passenger ;

ex:additionalRequirements "Requires wheelchair-accessible vehicle." .

BIND("Requires wheelchair-accessible vehicle." AS ?additionalRequirements)

}

# Q8 Passenger's Ride Preferences

SELECT ?ridePreferences

WHERE {

?passenger a ex:Passenger ;

ex:ridePreferences "Prefers air conditioning and no loud music during the ride." .

BIND("Prefers air conditioning and no loud music during the ride." AS ?ridePreferences)

}

# Q9 Passenger's Estimated Luggage

SELECT ?estimatedLuggage

WHERE {

?passenger a ex:Passenger ;

ex:estimatedLuggage "Carrying one medium-sized suitcase and a backpack." .

BIND("Carrying one medium-sized suitcase and a backpack." AS ?estimatedLuggage)

}

# CGQ2 Driver

# Q1 Driver's Name

SELECT ?name

WHERE {

?driver a ex:Driver ;

ex:name "John Smith" .

BIND("John Smith" AS ?name)

}

# Q2 Driver's Contact Information

SELECT ?tel ?email

WHERE {

?driver a ex:Driver ;

ex:tel "123-456-7890" ;

ex:email "john.smith@example.com" .

BIND("123-456-7890" AS ?tel)

BIND("john.smith@example.com" AS ?email)

}

# Q3 Driver's License Plate Number

SELECT ?licensePlateNumber

WHERE {

?driver a ex:Driver ;

ex:licensePlateNumber "ABC123" .

BIND("ABC123" AS ?licensePlateNumber)

}

# Q4 Driver's Vehicle Model

SELECT ?vehicleModel

WHERE {

?driver a ex:Driver ;

ex:vehicleModel "Toyota Camry" .

BIND("Toyota Camry" AS ?vehicleModel)

}

# Q5 Driver's Vehicle Type

SELECT ?vehicleType

WHERE {

?driver a ex:Driver ;

ex:vehicleType "Sedan" .

BIND("Sedan" AS ?vehicleType)

}

# Q6 Driver's Availability Status

SELECT ?availabilityStatus

WHERE {

?driver a ex:Driver ;

ex:availabilityStatus "Online" .

BIND("Online" AS ?availabilityStatus)

}

# Q7 Driver's Preferred Service Area

SELECT ?preferredServiceArea

WHERE {

?driver a ex:Driver ;

ex:preferredServiceArea "Downtown area" .

BIND("Downtown area" AS ?preferredServiceArea)

}

# Q8 Driver's Additional Services

SELECT ?additionalServices

WHERE {

?driver a ex:Driver ;

ex:additionalServices "Offers airport pick-up/drop-off service." .

BIND("Offers airport pick-up/drop-off service." AS ?additionalServices)

}

# Q9 Driver's Experience Level

SELECT ?experienceLevel

WHERE {

?driver a ex:Driver ;

ex:experienceLevel "5 years" .

BIND("5 years" AS ?experienceLevel)

}