Q1. Get all the properties that can be applied to instances of the Politician class

PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>

PREFIX dbo: <http://dbpedia.org/ontology/>

SELECT DISTINCT ?property

WHERE {

?subject rdf:type dbo:Politician .

?subject ?property ?value .

}

Q2. Get all the properties, except rdf:type, that can be applied to instances of the Politican class

PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>

PREFIX dbo: <http://dbpedia.org/ontology/>

SELECT DISTINCT ?property

WHERE {

?subject rdf:type dbo:Politician .

?subject ?property ?value .

FILTER (?property != rdf:type)

}

Q3. Which different values exist for the properties, except for rdf:type, applicable to the instances of Politician?

PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>

PREFIX dbo: <http://dbpedia.org/ontology/>

SELECT DISTINCT ?property ?value

WHERE {

?subject rdf:type dbo:Politician .

?subject ?property ?value .

FILTER (?property != rdf:type)

}

Q4. For each of these applicable properties, except for rdf:type, which different values do they take globally for all those instances?

PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>

PREFIX dbo: <http://dbpedia.org/ontology/>

SELECT DISTINCT ?property ?value

WHERE {

?instances rdf:type dbo:Politician .

?instances ?property ?value .

FILTER (?property != rdf:type)

}

ORDER BY ?property

Q5. For each of these applicable properties, except for rdf:type, how many distinct values do they take globally for all those instances?

PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>

PREFIX dbo: <http://dbpedia.org/ontology/>

SELECT DISTINCT ?property (COUNT(DISTINCT ?value) as ?count)

WHERE {

?instances rdf:type dbo:Politician .

?instances ?property ?value .

FILTER (?property != rdf:type)

}

ORDER BY ?property