Project: calculation of statistics on RDF data by Hadoop Map / Reduce

Given a set of RDF data (in ntriples format), write one or more MapReduce programs that compute

1. The number of occurrences of each URI and each literal
- in the "subject" field of RDF triples
- in the "property" field RDF triple
- in the "subject" field of RDF triples

2. The 10 most frequent properties in the dataset

3. The 10 most classes that frequently appear in the dataset

4. The 10 subjects with the biggest number of distinct properties