



Visual schema of a Nobel Prizes data set snapshot (original location: <https://data.nobelprize.org/>)

[illegible]

Data schema structure

- [illegible]

Further Work

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- The diagram illustrates a query transformation. At the top, an orange box contains a SQL-like query: `n_count<-count(.)`, `:NobelPrize`, `:category`, and `order by n_count DESC`. A black arrow points from this box to a purple box below it, which contains the query `foaf:Person`. To the right of the arrow, the text `:laureate` is displayed, indicating the variable being mapped.

```
SELECT ?category (COUNT(?NobelPrize) AS ?n_count)
WHERE{
    ?NobelPrize rdf:type :NobelPrize.
    ?NobelPrize :laureate ?Person.
    ?Person rdf:type foaf:Person.
    OPTIONAL{?NobelPrize :category ?category.}
}
GROUP BY ?category
ORDER BY DESC(?n_count)
```

#	category	n_count
1	http://data.nobelprize.org/terms/Physiology_or_Medicine	225
2	http://data.nobelprize.org/terms/Physics	219
3	http://data.nobelprize.org/terms/Chemistry	191
4	http://data.nobelprize.org/terms/Literature	118
5	http://data.nobelprize.org/terms/Peace	110
6	http://data.nobelprize.org/terms/Economic_Sciences	89

Working environment and resources: <https://github.com/LUMII-Syslab/viziquer-tools-lod24>