

## Group A3D: Domain and Data Selection

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### Domain of Interest and Main Challenges

We chose as domain of interest the Research Papers and the Nobel Prizes over the years. For each Nobel Prize we have several information like:

- the year
- the category
- the winner
- the winner organization

Similarly, for each Research Paper we have among other things:

- the year
- the title
- the authors
- the venue

Our goal is to find some correlation between Nobel Prizes and Research Papers wrote in the same year. We want to answer questions like: Is a Nobel Prize topic something very studied in a year, or is it a 'stroke of genius' of the winner? Which is the venue that published more Nobel Prize author's papers? Which organizations funded the most important scientific discoveries?