Objective

This class aims to showcase interaction and integration support mechanisms in D3.

Requirements

Look at the list of videos that is published in the Lab Classes page in Moodle. You must watch the following videos:

- *Why d3?*
- *BioMedVis Spring School | A Tour of D3*
- *D3.js in 100 Seconds*
- *Oscars Tutorial*

The first three videos allow you to understand the power of D3 and have a general overview of how the library works. The *Oscars Tutorial* will enable you to get your first hands-on experience. It is a domain-specific video and explains how to create three idioms: a bar chart, a scatterplot, and a line chart. Then, you learn how to link them. **As the Oscars Tutorial video describes, you must have all the code necessary to produce the charts**. This code should be running without any bugs. *Why?* **You will develop the interaction and integration mechanisms on the Oscars dashboard.**

Tasks to perform during the lab

The professor will do a live demo for you to implement interaction in each chart. Then, you will continue by linking all charts through an integration mechanism. Your job will be to edit the Oscars Dashboard to replicate the code presented to you.