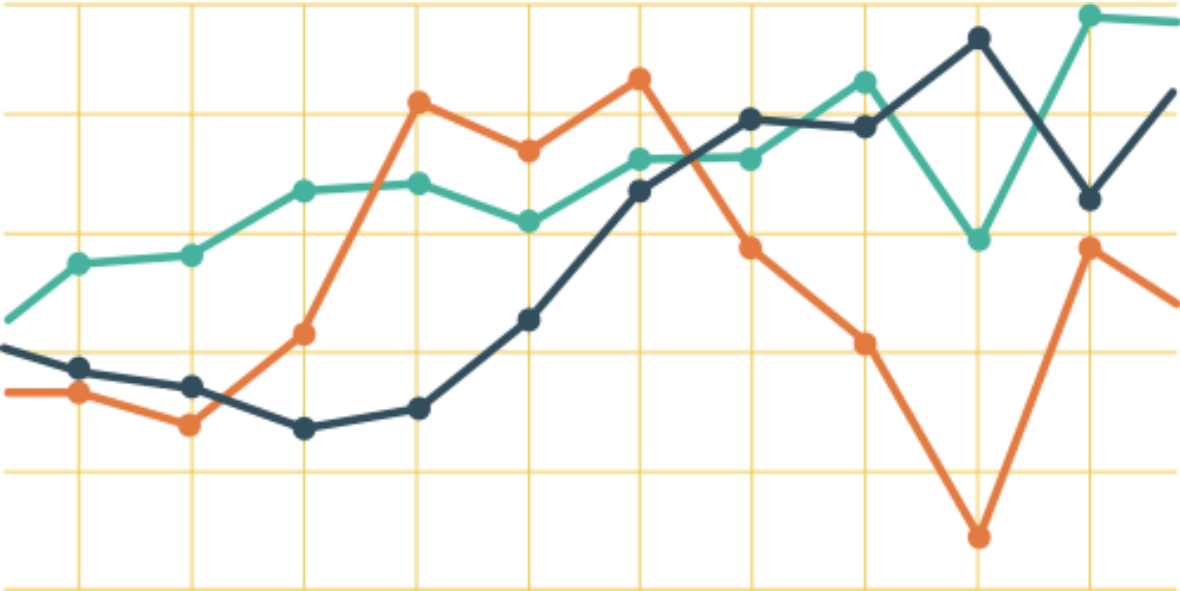


# Actors / Directors Constellation

Process book

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TODO

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# Introduction

## Motivation

The relationship between an actor and a director might indicate an artistic understanding, a functional routine, or even a marketing strategy. We want to investigate the success of such partnerships by analyzing the results with respect to multiple factors involved in the movie industry. These factors should include the number of movies made together, their budget, revenue and IMDb/audience score.

## The visualization

It can be seen [at this link](#). We will now walk through the steps that got us there, along with the various decisions we made along the way.

# Concept

## Choosing the datasets

xxx

## Process: How we brainstormed

xxx

## First ideas

xxx

## End goal

xxx

## Inspirations

xxx

# Implementation

Our goal: do what we drew in section xxx.

## Tech Stack

Website: HTML5/CSS3/ES6/Jekyll

Constellation: Pure D3 with several plugins (force-graph, ...)

Development environment: For D3 only, and integration to run jekyll locally (or push to see the results on [the main page](#)).

## Process: How we split the work amongst ourselves

Split by component, and we wanted to be as independent as possible (goal: avoid merge conflicts in git). The integration phase was last: integrating inside the website

## Process: Breaking up the work by components

“Like microservices, but for Data Visualization tasks”

## Evolution of the components

The graph (a.k.a. The Constellation)

xxx

The search bar

xxx

The side window

xxx

## Conclusion

### Milestone 2 vs milestone 3: what we really achieved

xxx

### What we are frustrated with

E.g. datasets, not enough time, not production-ready in terms of design, ...

### What we learned

E.g. D3 is cool, D3 is hard, this class is a joke, ...

# Appendix

## Who did what

### Kush

- xxx
- Xxx

### David

- xxx
- Xxx

### Bruno

- xxx
- Xxx

## Initial brainstorm (David) - PLEASE REMOVE ME AT THE END

- ~~Start with the end result, and "how did we arrive here"?~~
- Add an image for the process book intro (even a stock image with our website under it, to make a nice first impression)
- Picking the topic (how we decided to do this one, our fears about having not enough data, ...)
- Picking the right dataset(s) for the job
- How did we decide on the visualizations we did? (three separate brainstorms, and we put everything in common after a week. What you see now is a merge of the three things)
- Prototyping phase (include Kush's drawings, initial website)
- Getting ready: splitting the work (separate D3 components that we would merge together afterwards - talk about index.dev, new website))
- Talk about each D3 component on the website, who made them, what challenges did we have for those, and we solved them in the end... (if possible, use pictures/GIFs to explain those! -> Animations are always better than pictures)
- Have a section about main achievements/challenges to recap what we said (basically the conclusion)