

Process book: DataMoviz

Quentin de Longraye, Aymen Gannouni, Victor Le

December 12, 2017

Contents

1	Presentation of DataMoviz	2
1.1	Overview, motivation and target audience	2
1.2	Related work and inspiration	2
2	Exploratory analysis	2
2.1	Dataset	2
2.2	Data previsualization	2
3	Solution's build-up	2
3.1	Considered visualizations	2
3.2	Implementation	2
3.3	Evaluation	2
4	Peer assessment	2

1 Presentation of DataMoviz

1.1 Overview, motivation and target audience

Overview, motivation, target audience + Questions: What am I trying to show this my viz?

Overview, motivation, target audience

DataMoviz is a web application, that aims at involving the user in a unique experience to discover all the movies from The Movie Database in a very interactive way. This project allows to get impressive insights on the filmmaking scene since the beginnings.

What motivates us the most is the opportunity that we have to deliver fascinating observations from raw data through data visualization.

There is no restrictions in term of prerequisites for our target audience. Any one who has interest in movies is heartily welcomed to visit DataMoviz!

1.2 Related work and inspiration

Related work and inspiration

2 Exploratory analysis

2.1 Dataset

Presentation of the dataset. Dataset: where does it come from, what are your processing steps?

2.2 Data previsualization

Exploratory data analysis: What viz have you used to gain insights on the data?

3 Solution's build-up

3.1 Considered visualizations

Designs: What are the different visualizations you considered? Justify the design decisions you made using the perceptual and design principles. Did you deviate from your initial proposal?

3.2 Implementation

Implementation: Describe the intent and functionality of the interactive visualizations you implemented. Provide clear and well-referenced images showing the key design and interaction elements.

3.3 Evaluation

Evaluation: What did you learn about the data by using your visualizations? How did you answer your questions? How well does your visualization work, and how could you further improve it?

4 Peer assessment

- Preparation – were they prepared during team meetings?
- Contribution – did they contribute productively to the team discussion and work?
- Respect for others' ideas – did they encourage others to contribute their ideas?
- Flexibility – were they flexible when disagreements occurred?