

Process book: DataMoviz

Quentin de Longraye, Aymen Gannouni, Victor Le

November 16, 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?

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 you 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?