



HINTS FOR THE PROJECT

November 2nd, 2020

M:DS – Data Visualization – Álvaro Figueira

1

Revisit the Objectives

- 1) The dataset, showing that you have a deep knowledge of it.
- 2) The (undergone and expected) data transformations on the dataset
- 3) The hypotheses you formulate from an earlier inspection and exploratory data analysis
- 4) The problems you foresee in analyzing the data and creating visualizations

2

Revisit the Objectives

Hints

1) The dataset, showing that you have a deep knowledge of it.

Describe your rationale to reduce it.

2) The (undergone and expected) data transformations on the dataset

Enumerate the transformations and describe the result from each one.

3) The hypotheses you formulate from an earlier inspection and exploratory data analysis

What calls your attention? What interesting questions can you pose?

4) The problems you foresee in analyzing the data and creating visualizations

Size, type, lack of information, ...

3

Hints for development

- Put yourself on a producer's chair
- What do you would like to know about popularity and ratings of movies?
- What makes a movie a big success?
- What is interesting to know?
- Are there strange values in the dataset?
- Create beautiful visualizations to: confirm, communicate, explore data/ideas

4

takeaways

Don't miss the natural order

1. Understand the data
2. Cut what is damaged
3. Explore the dataset
4. Pose questions
5. Create visualizations to answer them
6. Return to 4.