Data visualization: Personal report

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Contents

1 Homework for 20/10/21

A paragraph describing the users.

Users could be people insterested in the music industry, who want to compare men and women artists for sociological interpretation.

The list of visual tasks supported by users and the visualization goals.

User task	Details
Overview	Flow between columns
Zoom	TBD
Filter	Filter by genres

The list of (raw) attributes you will need from the WASABI dataset you are going to use.

The following attributes will be needed:

- Album field
  - _id (album id)
  - id_artist
- Artist field
  - _id (artist id)
  - type (*e.g.* "Person", "Orchestra", "Group", "Choir", "Other" or "")
  - gender (male, female, unknown)
  - members (check this one, it may be the name of the members of a band)

- Song field
  - id_album
  - genre

The informal description of the processing of the raw data in order to make it to fit in the visualization technique. This might include calculated variables you must add in the process.

Clustering Artist - *type* variable to make *is_band* boolean variable

The name of visualization technique and the name of the member of the group who is going to implement it. Associate the visualization technique with the visual goal.

Sankey diagram with the following columns:

- Single artist or Band
- Male, Female, Unknown
- Number of Albums
- Number of Songs

A visual mapping of variables available in your data set (after data processing) and the visual variable available in the visualization technique you have chosen.

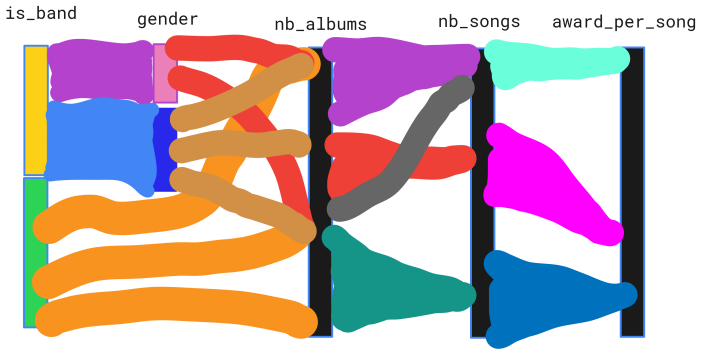

Figure 1: Representation of the Sankey diragram (JL)