Big Data: Visualization practical work

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# Problem characterization in the application domain

[Describe specific issues of the application domain and end users involved, such as the problem to solve, user demands and datasets.]

# Data and task abstractions

Make abstractions of the specific tasks and data and map them to generic representations independent from the concrete application domain.

For tasks: Identify tasks required by end users (explore, consume, resume, …)

For data: Determine which is the data type that best fits user’s problem.

# Interaction and visual encoding

Determine the specific design choice for creating and manipulating the visual representations of the abstract data types selected in the previous step, guided by the abstract tasks (Approach – idiom).

For visual encoding: Designers define what users see.

For interaction: Designers decide how data representations are dynamically managed.

## Plot 1

SCREENSHOT

## Plot 2

SCREENSHOT

## Plot 3

SCREENSHOT

# Algorithm implementation

Achieve an efficient implementation of the visual encoding and the interaction techniques selected in the previous abstraction level.

CLUSTER WITH SCREENSHOT