

The Intelligent Dashboard

Objectives

Help the user and company to:

- make the best use of the available data
- make the best use of the human analyst's innate qualities and expertise
- create new and better synergies between human and machine
- produce the most complete insight from the available data

Novelty of Approach

Many visual analytics tools and visual paradigms have been proposed and developed

- however, it is often difficult for analysts to pick the best tool for the task and data at hand
- this can lead to unsatisfactory analytics results and does not make the best use of the data
- our framework addresses this urgent need

Deliverables

The deliverables will be:

- the Intelligent Dashboard (ID) infrastructure and associated rule set
- the Knowledge Cache (KC) framework
- a set of base visual analytics workflow implementation boosted by the proposed ID and KC
- documents with guidelines and manual

Benefits to IAB

Obtain a concrete characterization of:

- available visual analytics tools and paradigms
- different types of data
- the behavior of users and their insight while interacting with data

This is achieved via a formal taxonomy obtained with machine learning