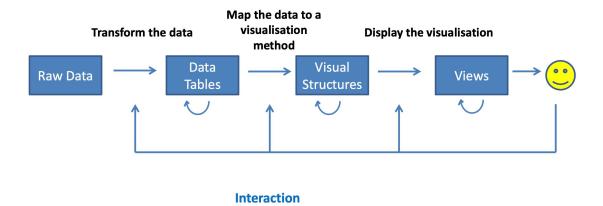
Data Visual Form



Types of interaction

Filtering: only show me the data I am interested in [F,Yi,Sh,K] **Selecting**: mark or track items I am interested in [F,Yi]

Abstract & Elaborate: show me more or less detail [F,Yi,K]

Overview & Explore/Focus & Context:

overview first, zoom and filter, details on demand [F,Sh,K] Connect/Relate: show me how this data is related [F,Yi,Sh,K]

Reconfigure: show me a different arrangement of the data [F,Yi,K]

Encode: show me a different representation of the data [F,Yi]

Extraction of features: allow me to extract data that interests me [F,Sh]

History: allow me to retrace the steps I take [F,Sh]

Participation/Collaboration: allow me to contribute to the data [F]

Gamification: show me the data in a more playful way [F]

Data Selection

Selection can be about more than clicking on an object

- Selecting a region supports brushing and linking
- We can represent the selection by tuple or by query

Selection by query \rightarrow powerful interactions, e.g.:

- Dynamic queries: using sliders, checkboxes, etc. to define the query, so it's easy to explore the data visually
- Generalised selection: using semantic structure of the data, to explore data at different levels of abstraction