

collaboration
points

Data management

Contribute data
Clean data
Categorize data
Moderate data

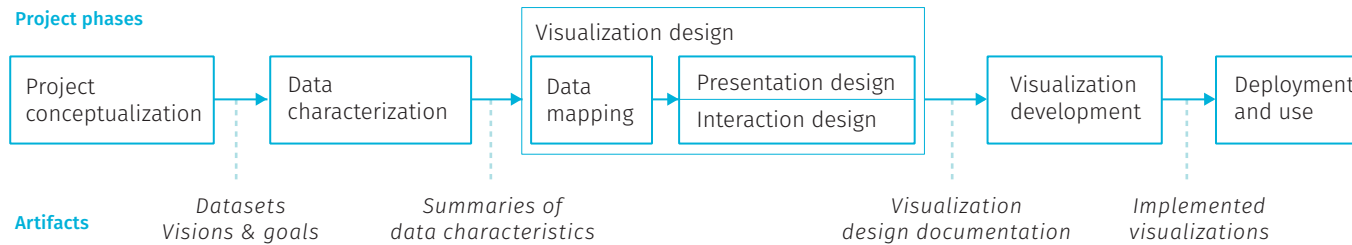
Visualization

Select data source
Apply visual encodings
Author software

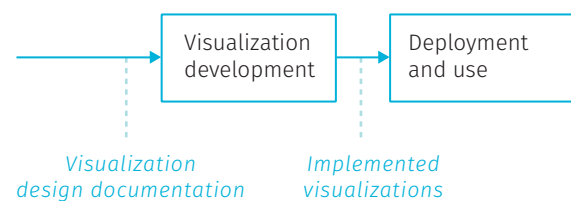
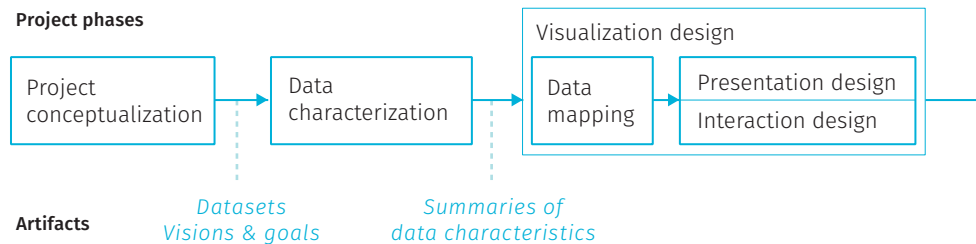
Visual analytics

Observations
Hypotheses
Evidence
Summarize
Report / Presentation

Project phases



Project phases



map reading
(human algorithms)

knowledge
discovery

data mining
(computational algorithms)