

collaboration points

Data management

Contribute data
Clean data
Categorize data
Modreate date

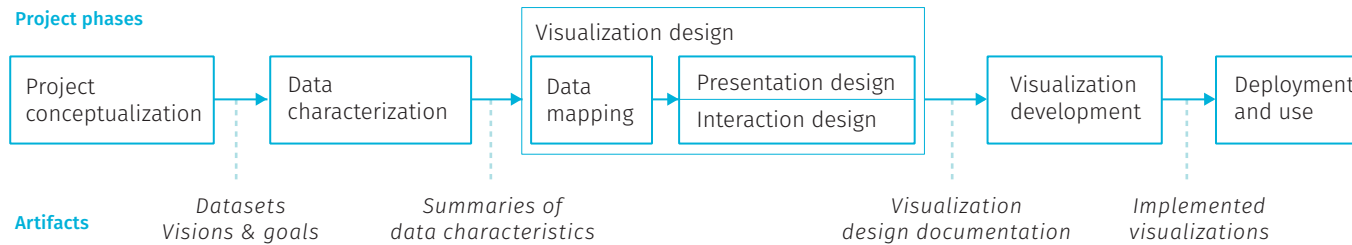
Visualization

Select data source
Apply visual encodings
Author software

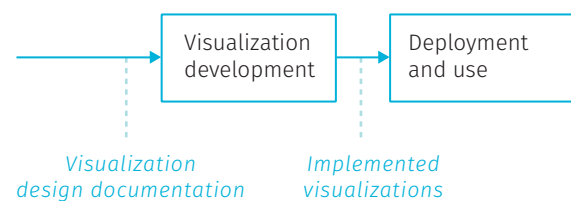
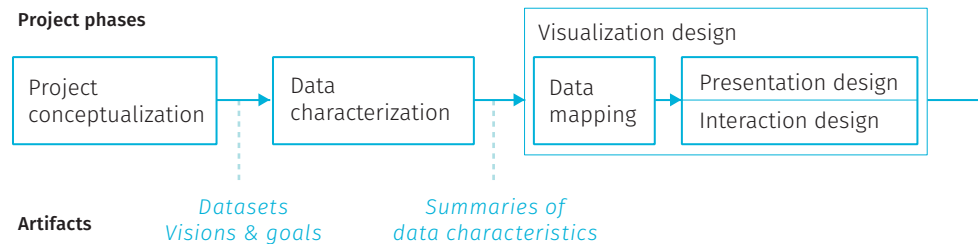
Visual analytics

Observations
Hypotheses
Evidence
Summarize
Report / Presentation

Project phases



Project phases



map reading
(human algofrithms)



knowledge
discovery



data mining
(computational algorithms)