Talepapir/script for video

The research question

Descrive data and task using muntzers

What – data abstraction

Dataset

Attribute types

How

Why

# What

*What are the given data types and associated attributes?*

Ekstra spørgsmål What are the types (and ordering directions) of attributes in this data set?

Dataset type

Table – datasæt

Geometry

items are geometric descriptions of spatial information e.g., points, curves, regions, volumesitems may have a hierarchical orderitems may have attributes

*What kind of information is enclosed in the data?*

*What meanings or conclusions can be derived from the data?*

*Is it possible to partition the given data meaningfully?*

Why

Does the research question need a visualization to be investigated?

Visualization is needed to properly communicate the dateset table type into a more inituatly to compare trends and

The research question

Consume (existing information)

Produce new information

Discover is a possibly – for example, if we look at Sweden and other Nordic contires. Here we can see that Sweden generally is worse of on all parameters – this could be lead to generate new research question as to why is the case, or the visualization can confirm an exiting hypothesis, such as affect of corona lock-down policy in countries of similar hdi

Which tasks need to be supported by the visualization?

Hvad er tasks

Can we map domain-specific to abstract research tasks?

What actions are directed towards which targets?

Hvad er actions

Consume

Not produce

How

Which design decisions are taken?

What visualization techniques are appropriate in the given context?

How do we visually map data features to visual features?

Color hue used to encode the differenct continent

Which interaction means are necessary to perform the given task?

Visual encode