



# From GIS Data to Interactive Maps

Certificate of Advanced Studies in Spatial Information Systems  
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# General Workflow in Web Cartography

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# Overview

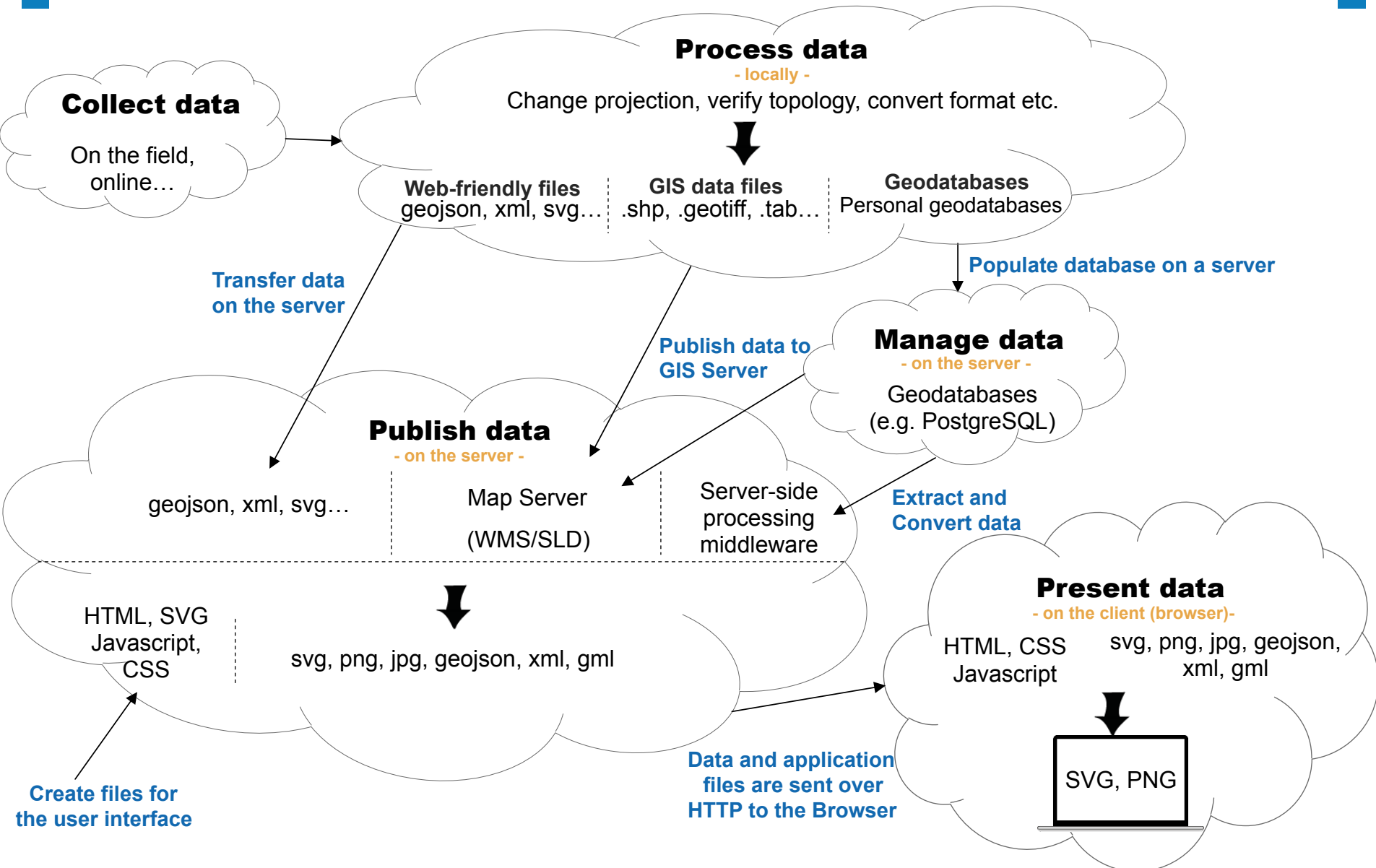
- **General workflow in Web Cartography**
  - Design the application (including Content and User requirements)
    - Define the purpose, message, audience
    - Design and specify the map content and its corresponding visualization
    - Design and specify the user interface and functionality
  - Collect and Process data (GIS and Generalization know-how)
  - Structure and Manage data depending on the project's complexity (e.g. with Database technologies)
  - Publish and Present data (including adaptation of the technologies to the map's needs and implementation of interactive functions)

# Our Focus in this Module

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# What Will You Learn?

- Fundamental concepts for the implementation of Web maps & geodata visualization for online GIS
- Technologies and frameworks for Web Cartography
- You will:
  - understand the workflow to create a web map application
  - know how to design a web map application from the technical point of view (**cartographic design is not covered**)
  - know how to understand and use existing web mapping frameworks
  - Know how to produce tiled maps
  - know how to create and use Web Map Services in Spatial Data Infrastructures



# Questions

