

3rd Annual European DDI Users Group Meeting (EDDI11)
Gothenburg, December 5–6, 2011

Developing a Generic Process Model for Longitudinal Data Collections

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and

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present joined work with Ingo Barkow, Jay Greenfield,
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from DDI Experts Workshop, Dagstuhl 2011

3 Working Groups

1. Foundational Metadata
2. How to
3. GLBPM
- + Glossary

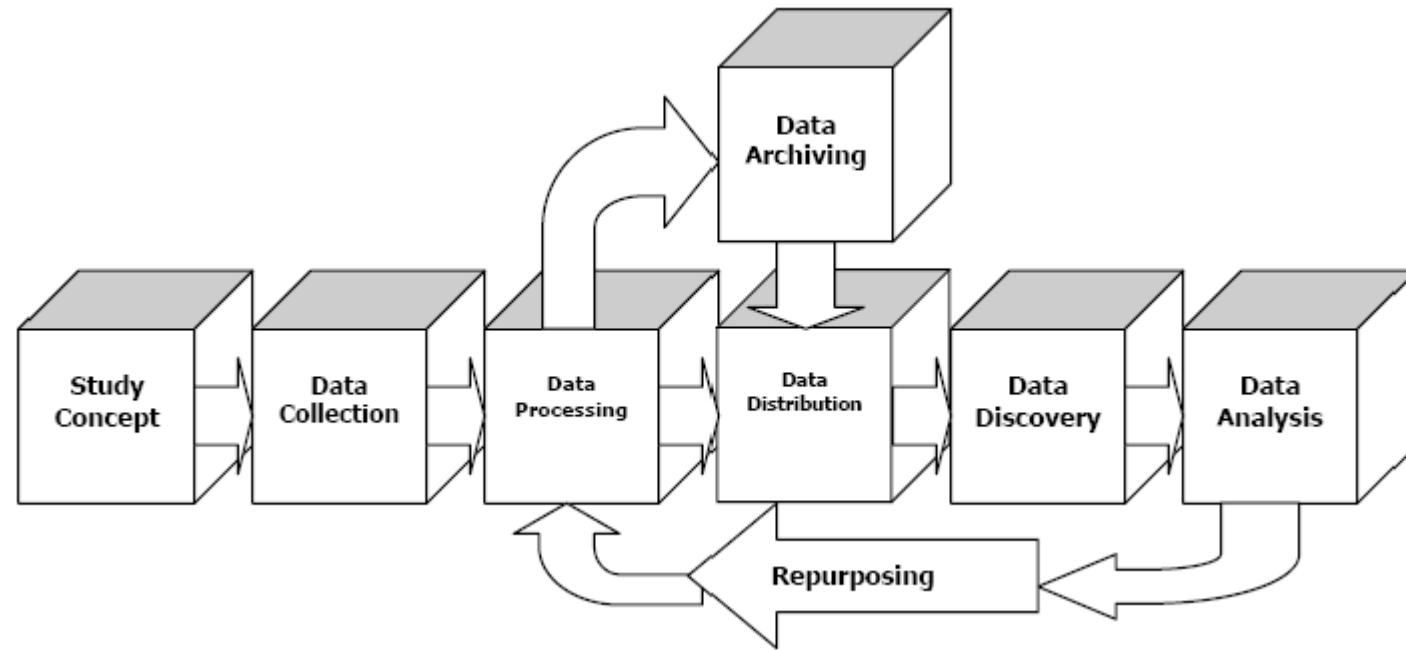
Experts-Workshop, Dagstuhl 2011

Tornado Model (Dagstuhl 2010)

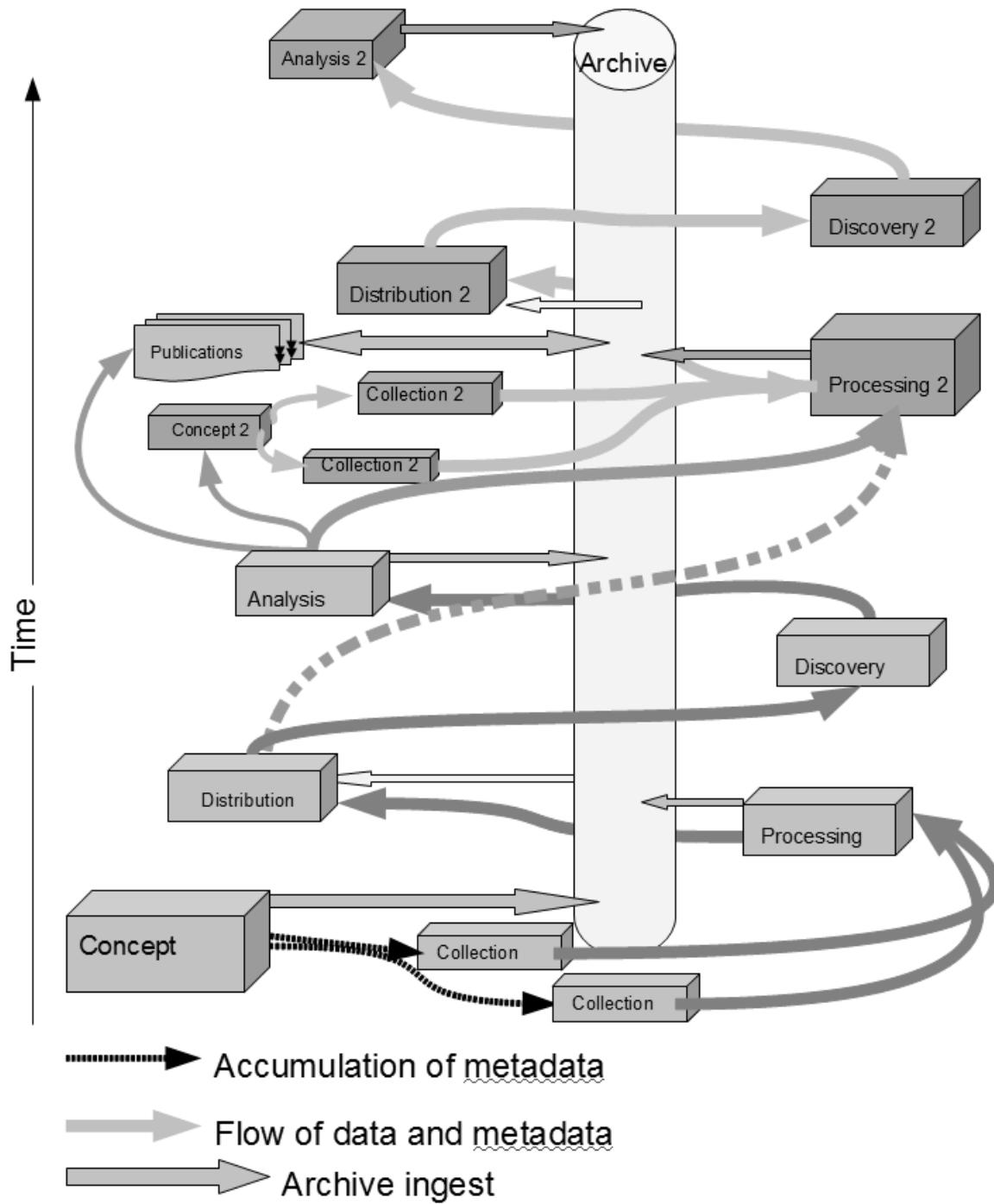
DDI Data Life Cycle

GSBPM

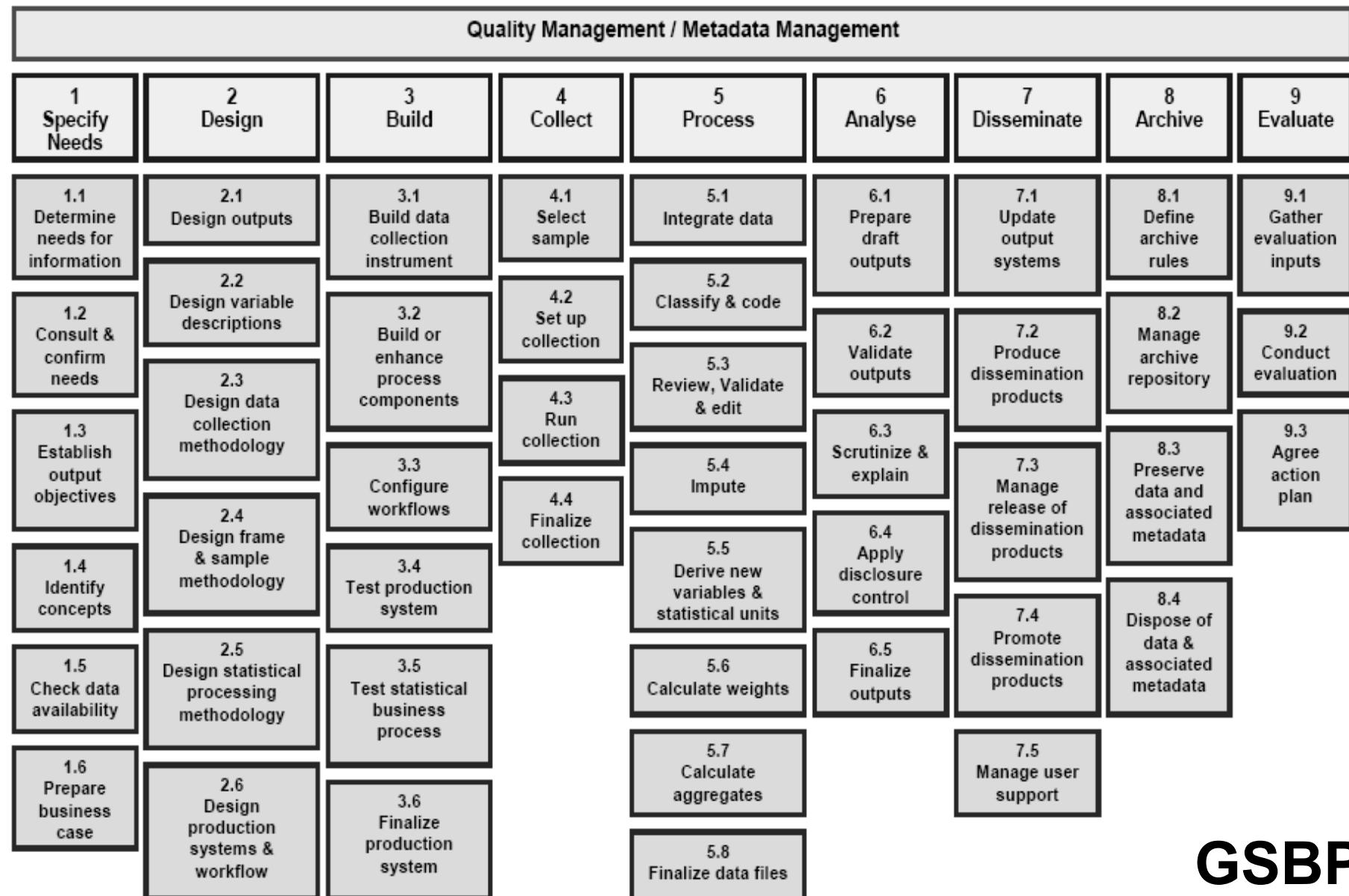
Previous Work



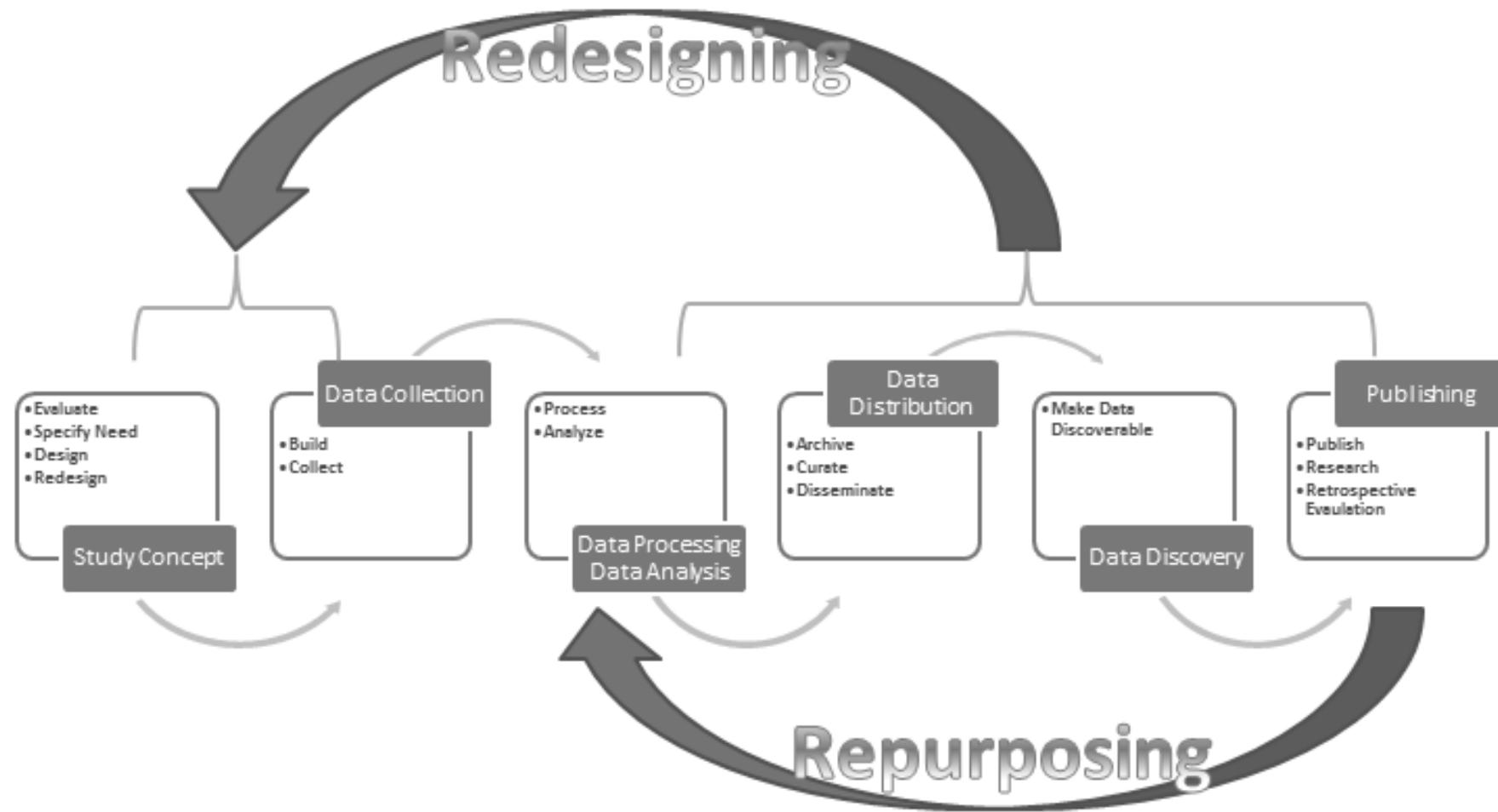
DDI Data Life Cycle



Tornado Model



GSBPM
<http://www.unece.org/stats/gsbpm.html>



Mapping GLBPM against DDI Data Lifecycle

Business Processes are structured activities in the context of labor division, to increase effectivity and efficiency.

A Business Process **Model** describes Business Processes in a way, that helps to discuss them and adapt Software.

Generic means, that the model doesn't have to match exactly one case, but is designed to be adaptable to many cases. The more precisely you get, the less cases will fit.

Longitudinal studies have specific needs, as you run most parts of the underlying business process in each wave. The reuse of work from previous waves becomes important.

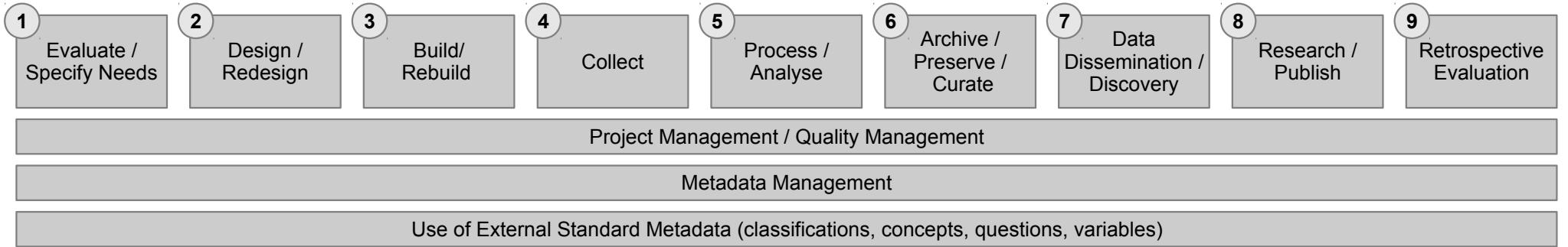
Generic Longitudinal Business Process Model

**9 high level categories
broken down into 52 associated sub-elements.**

This categorization may be useful to individuals or projects engaged three main activities:
Project Management or Quality Management, Metadata Management, Using External
Standard Metadata (classifications, concepts, questions, variables, etc.)

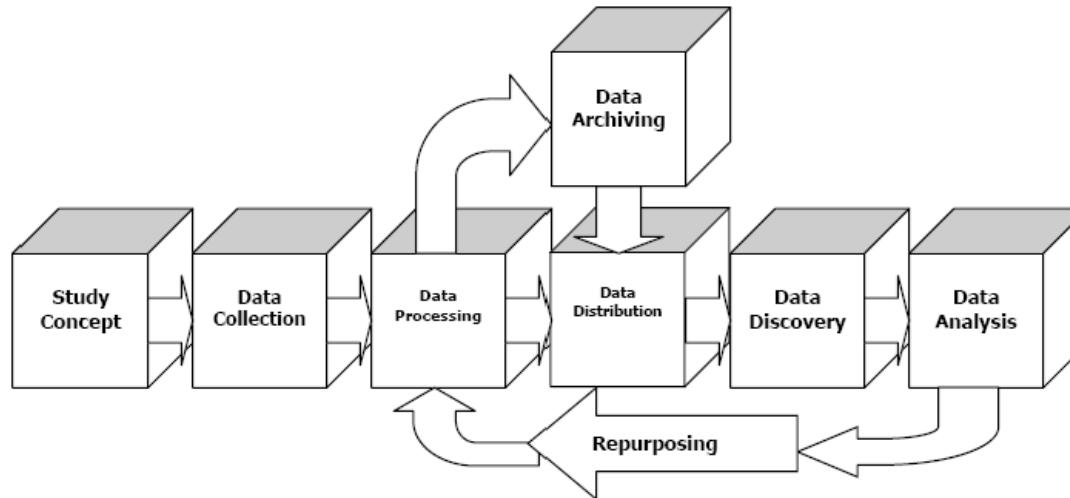
It's legal to re-arrange the elements and their sub-steps.

Generic Longitudinal Business Process Model

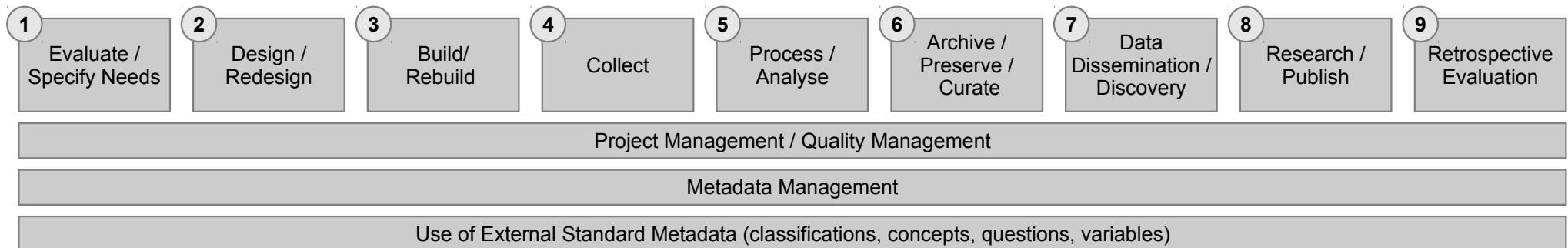


GLBPM: High Level View

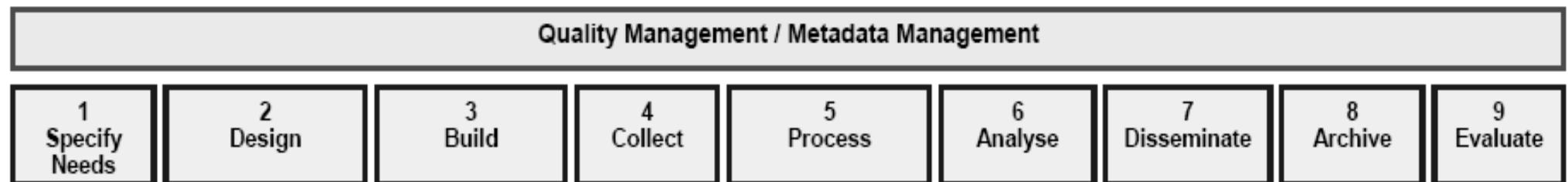
Data Lifecycle:

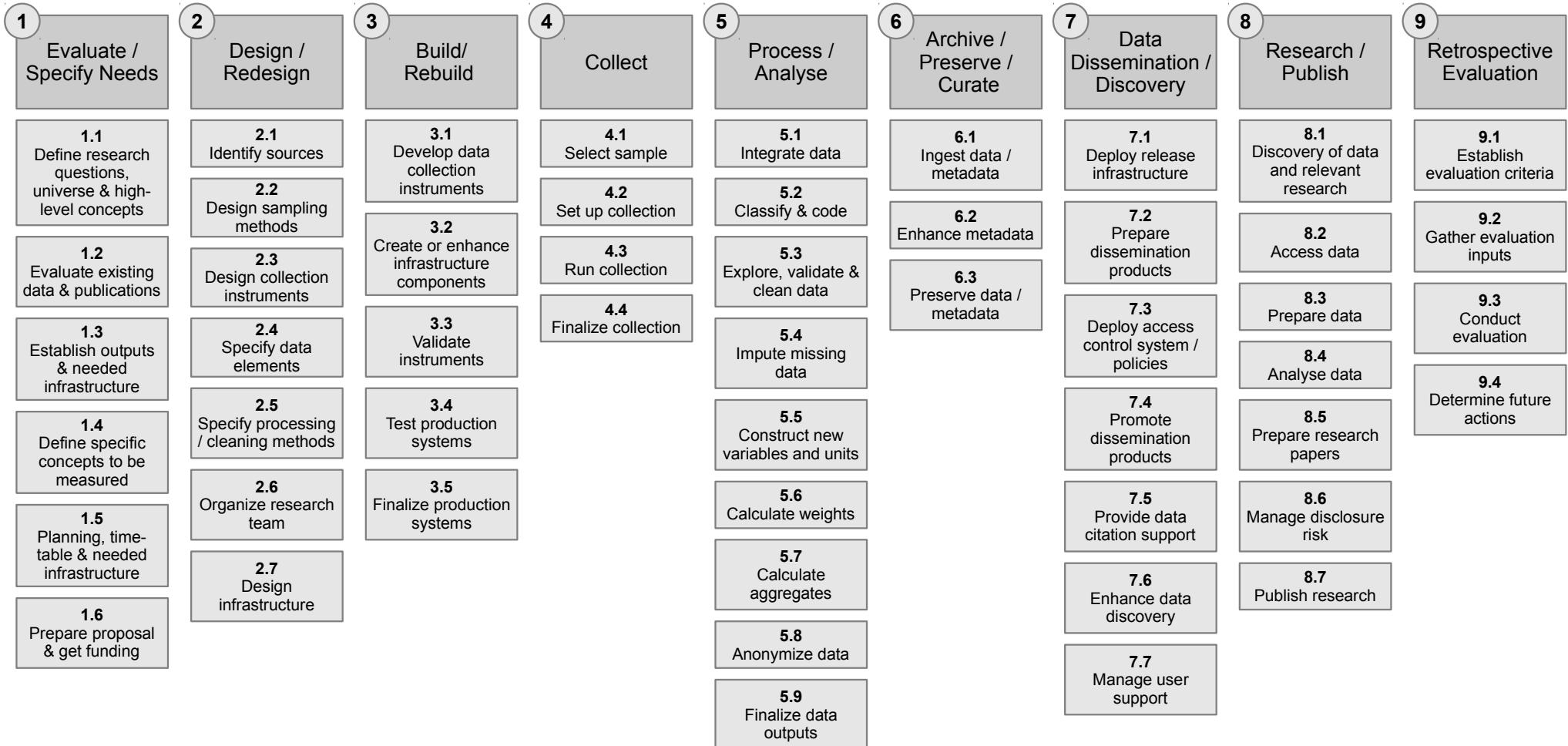


GLBPM:



GSBPM:

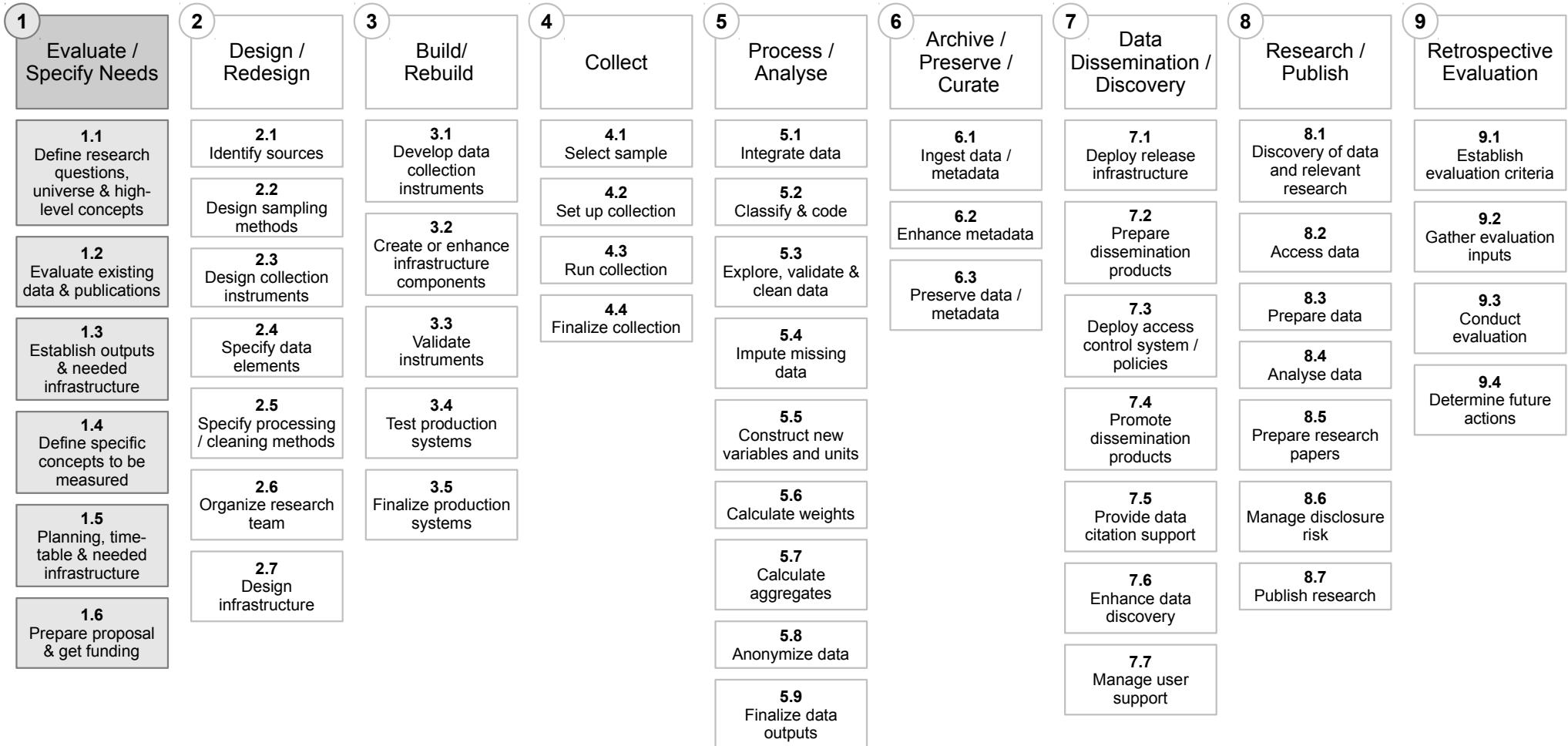




Project Management / Quality Management

Metadata Management

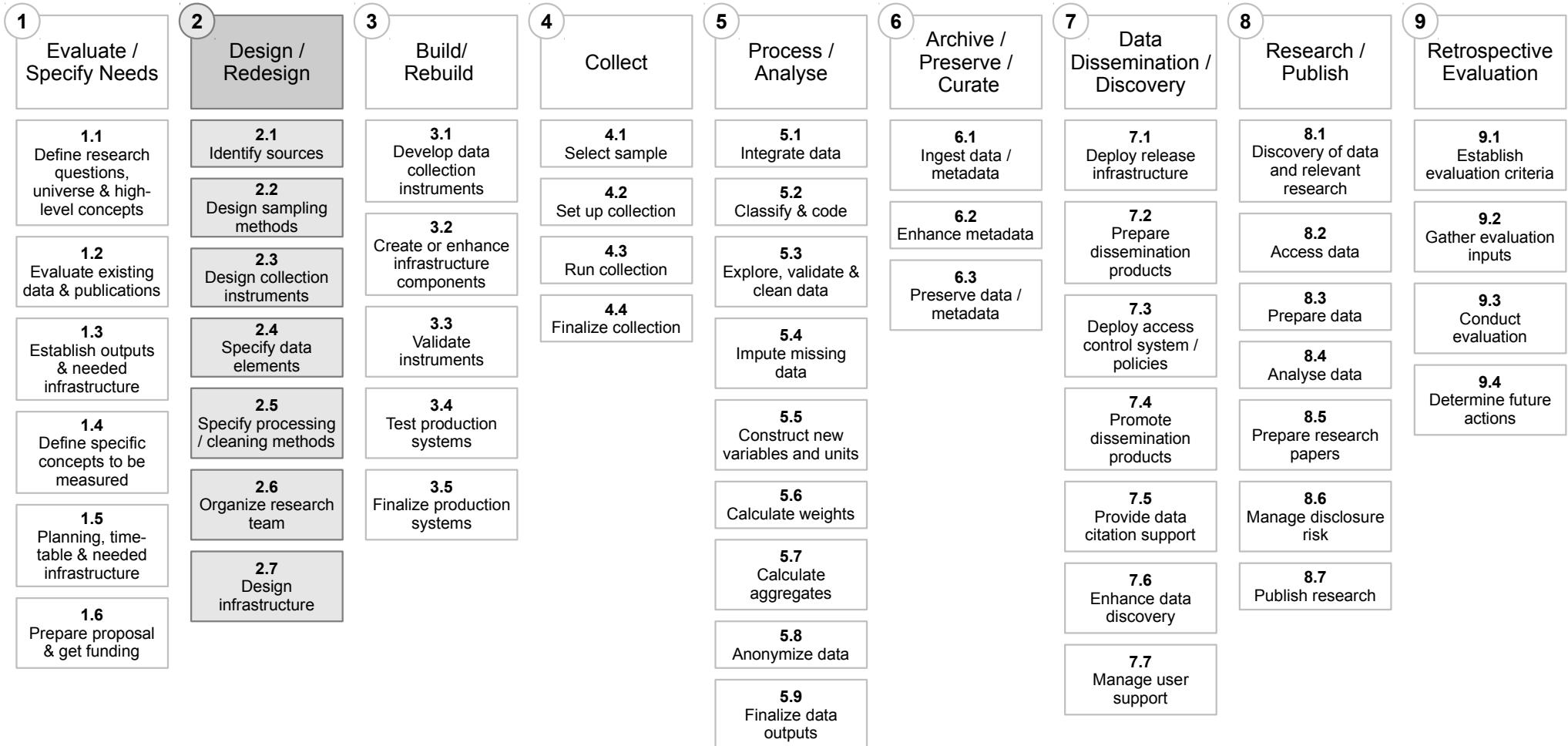
Use of External Standard Metadata (classifications, concepts, questions, variables)



Project Management / Quality Management

Metadata Management

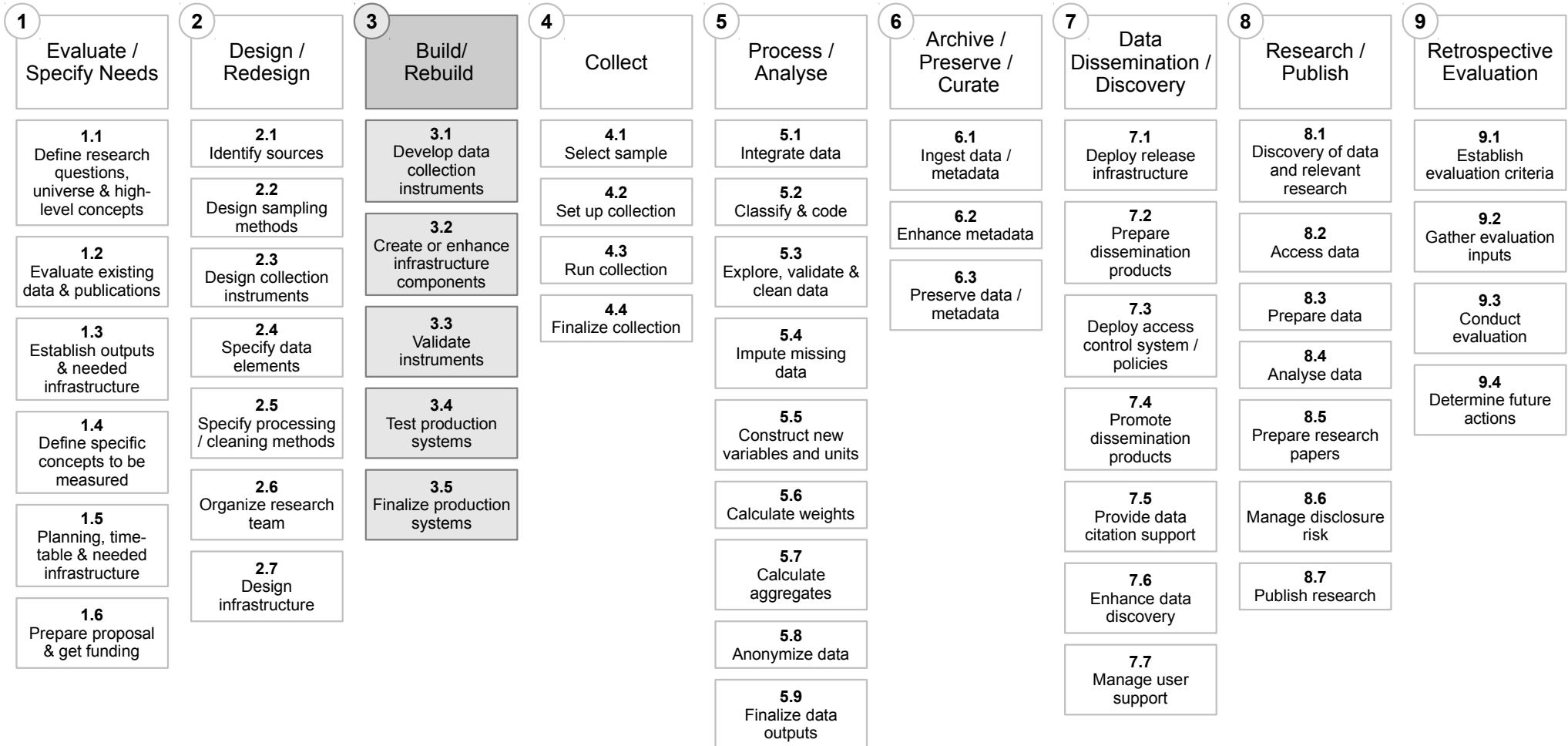
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Project Management / Quality Management

Metadata Management

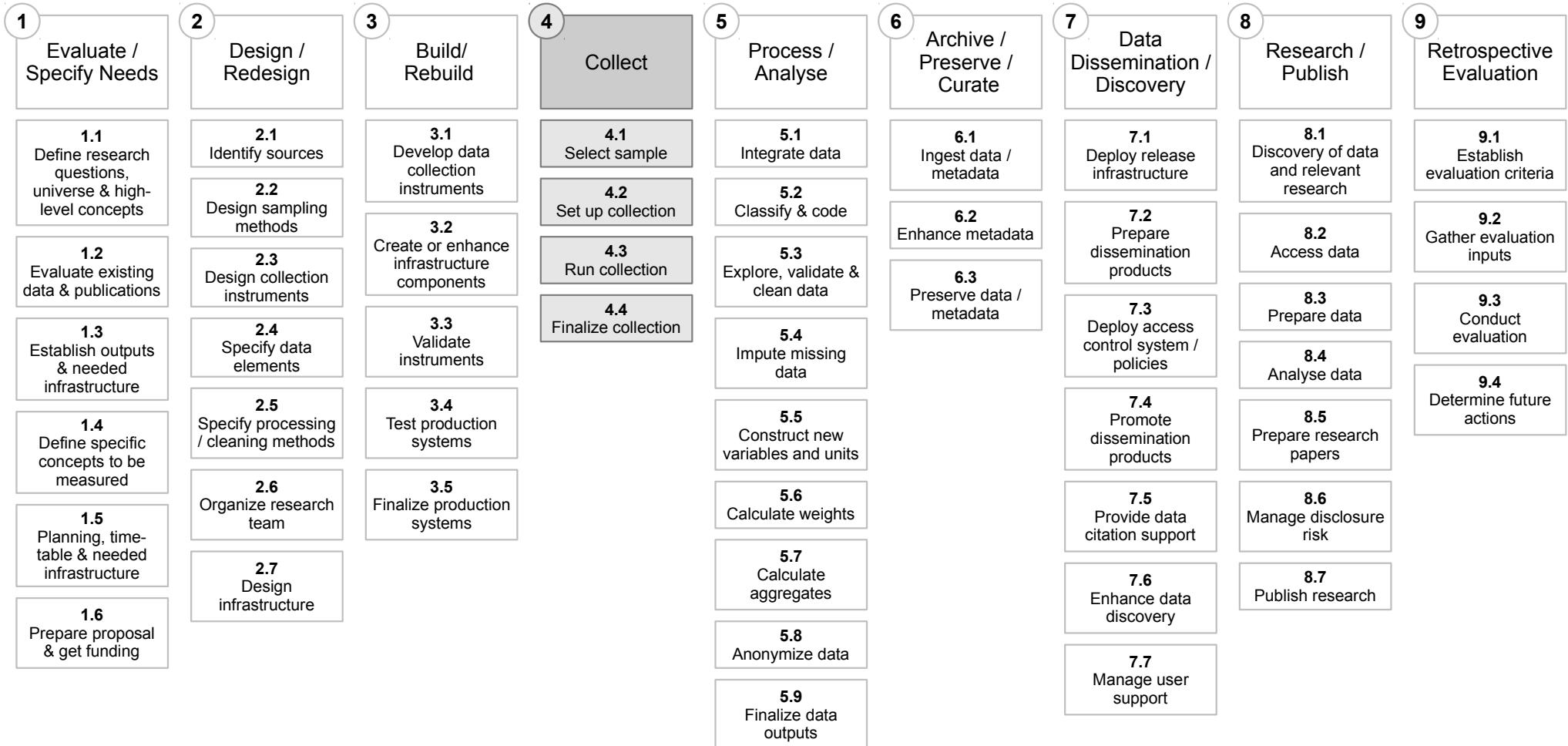
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Project Management / Quality Management

Metadata Management

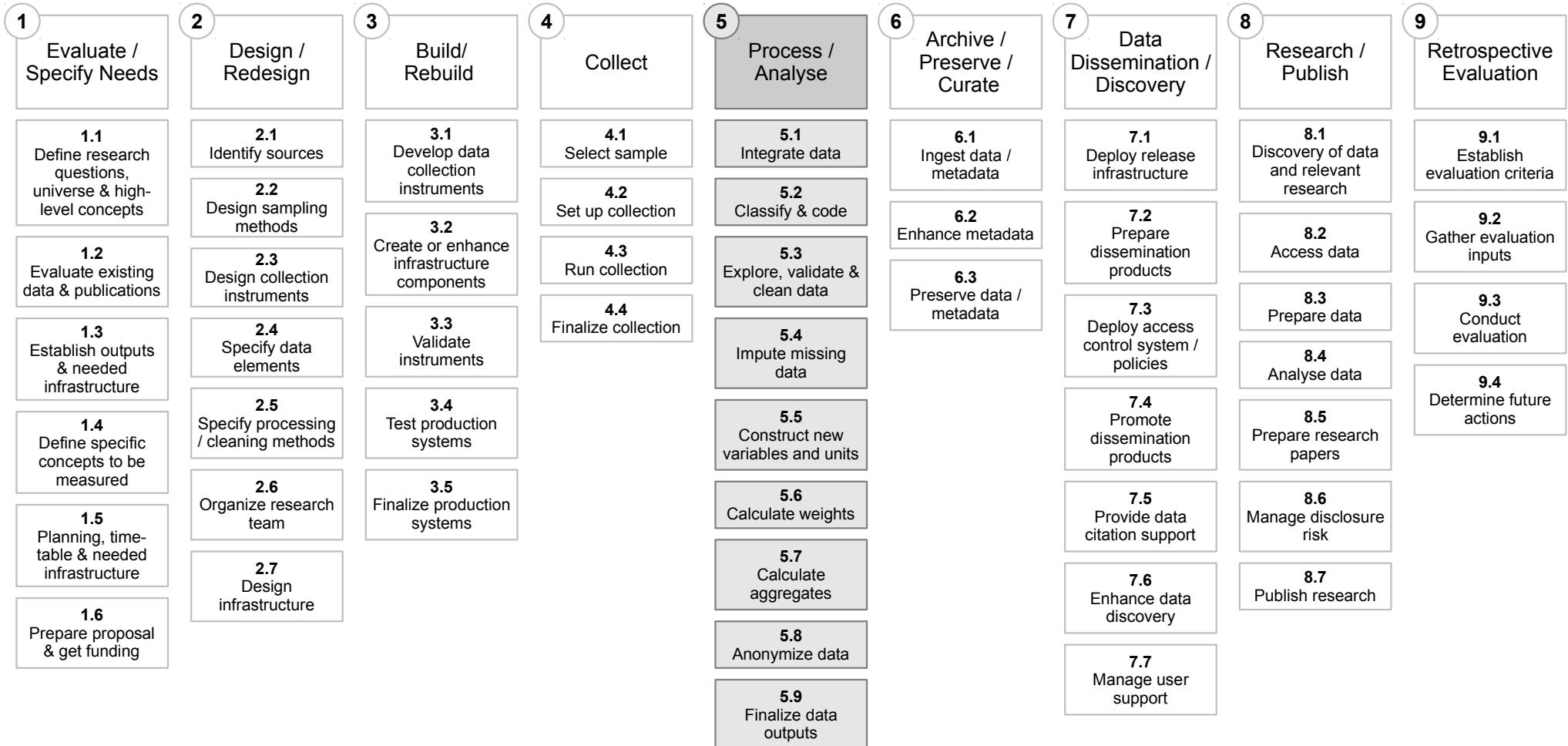
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Project Management / Quality Management

Metadata Management

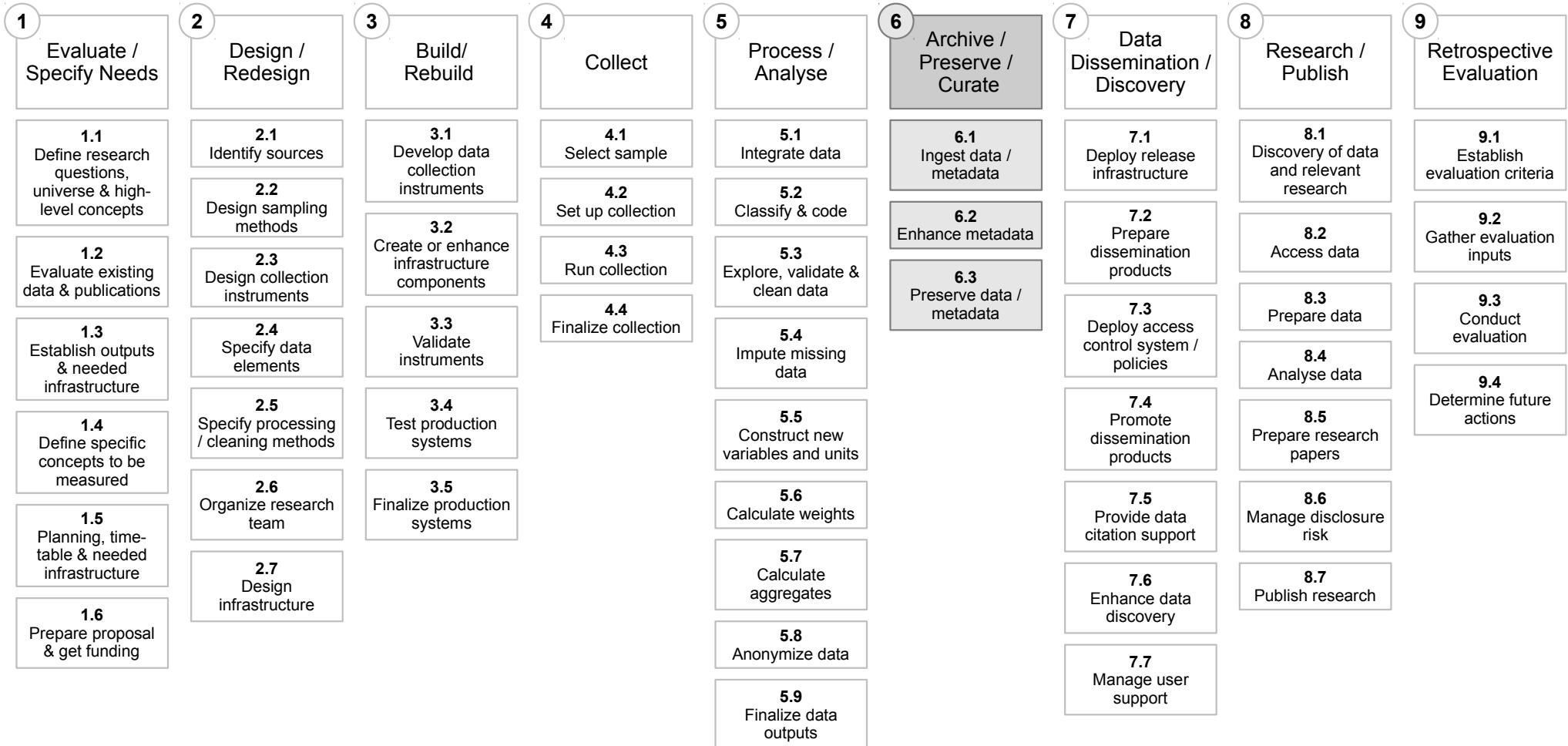
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Project Management / Quality Management

Metadata Management

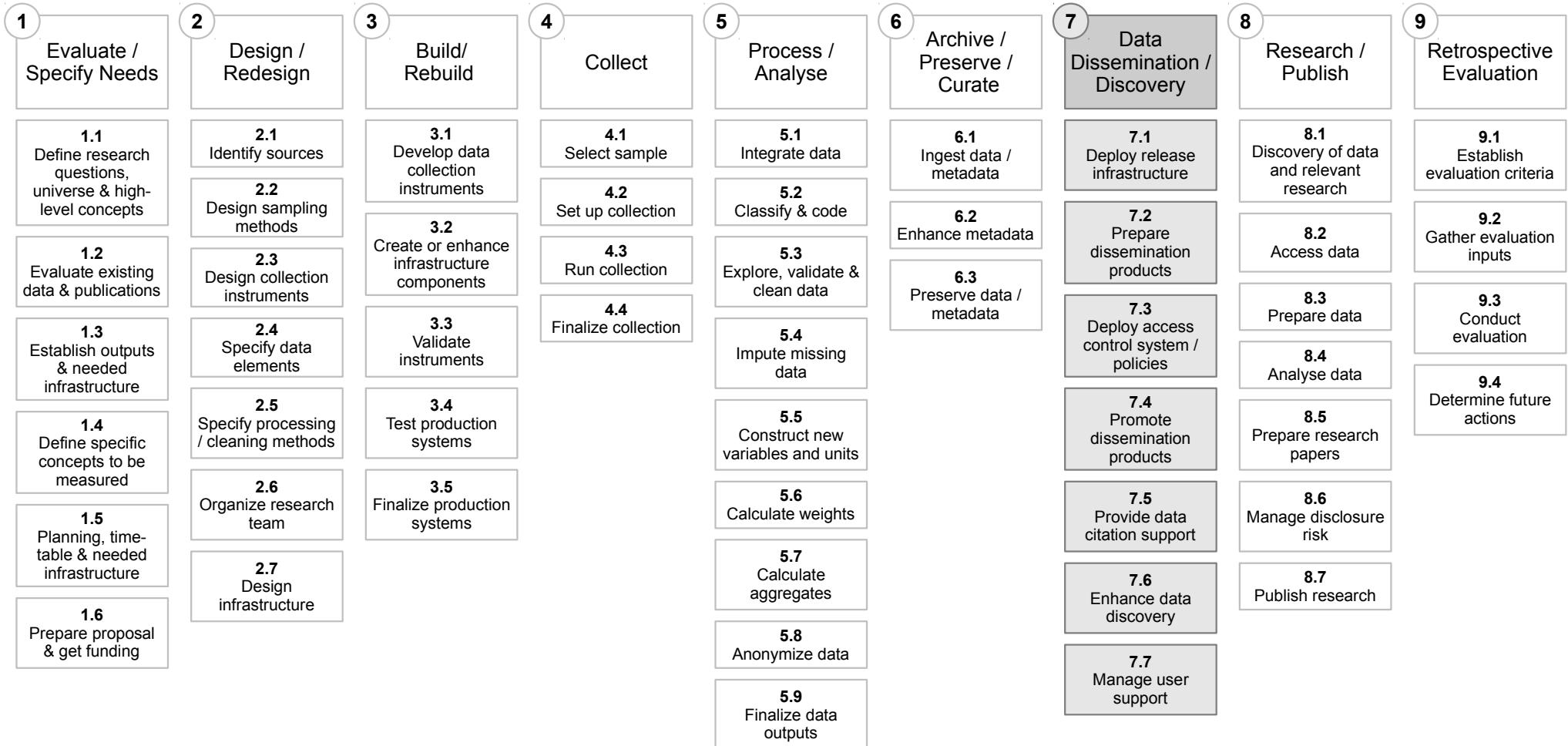
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Project Management / Quality Management

Metadata Management

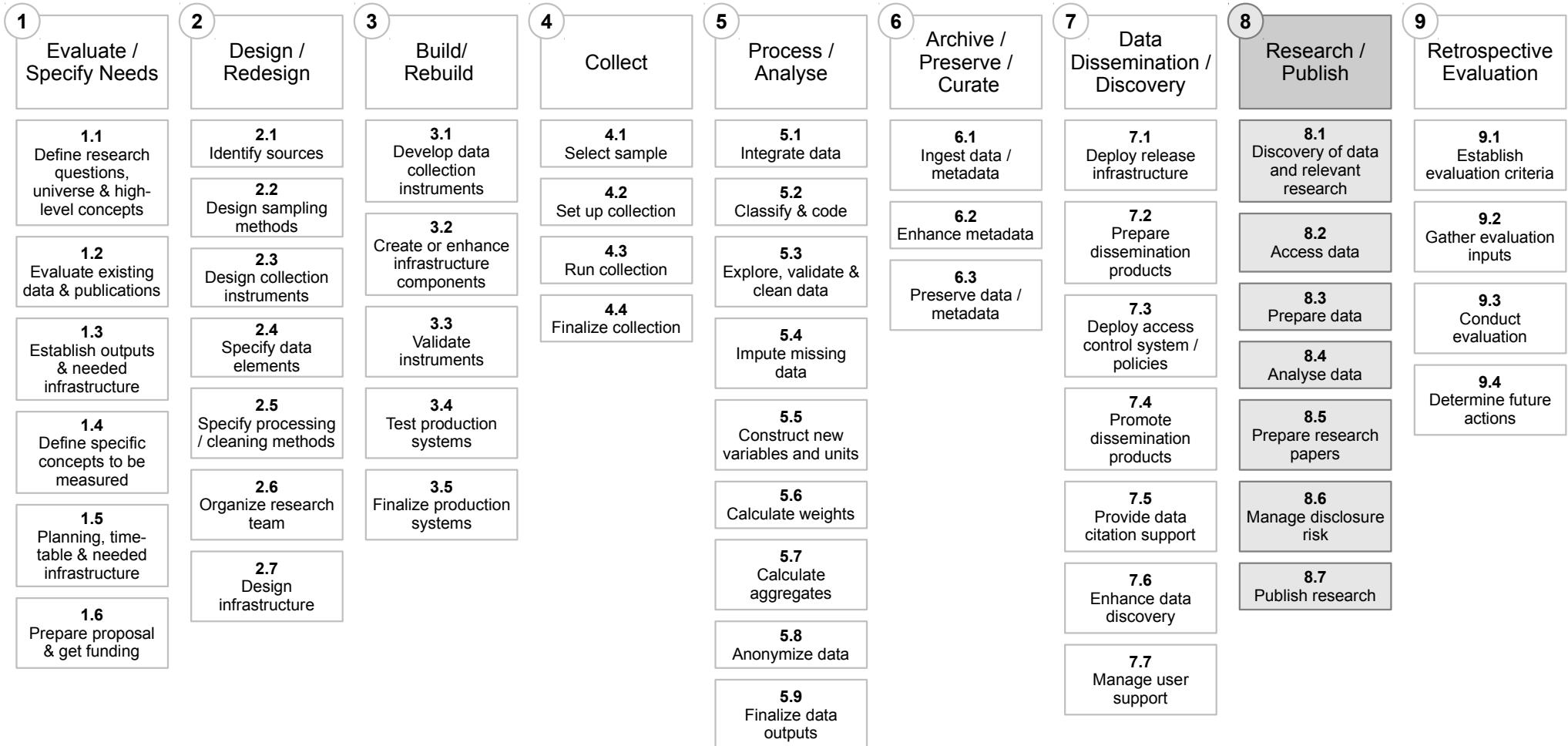
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Project Management / Quality Management

Metadata Management

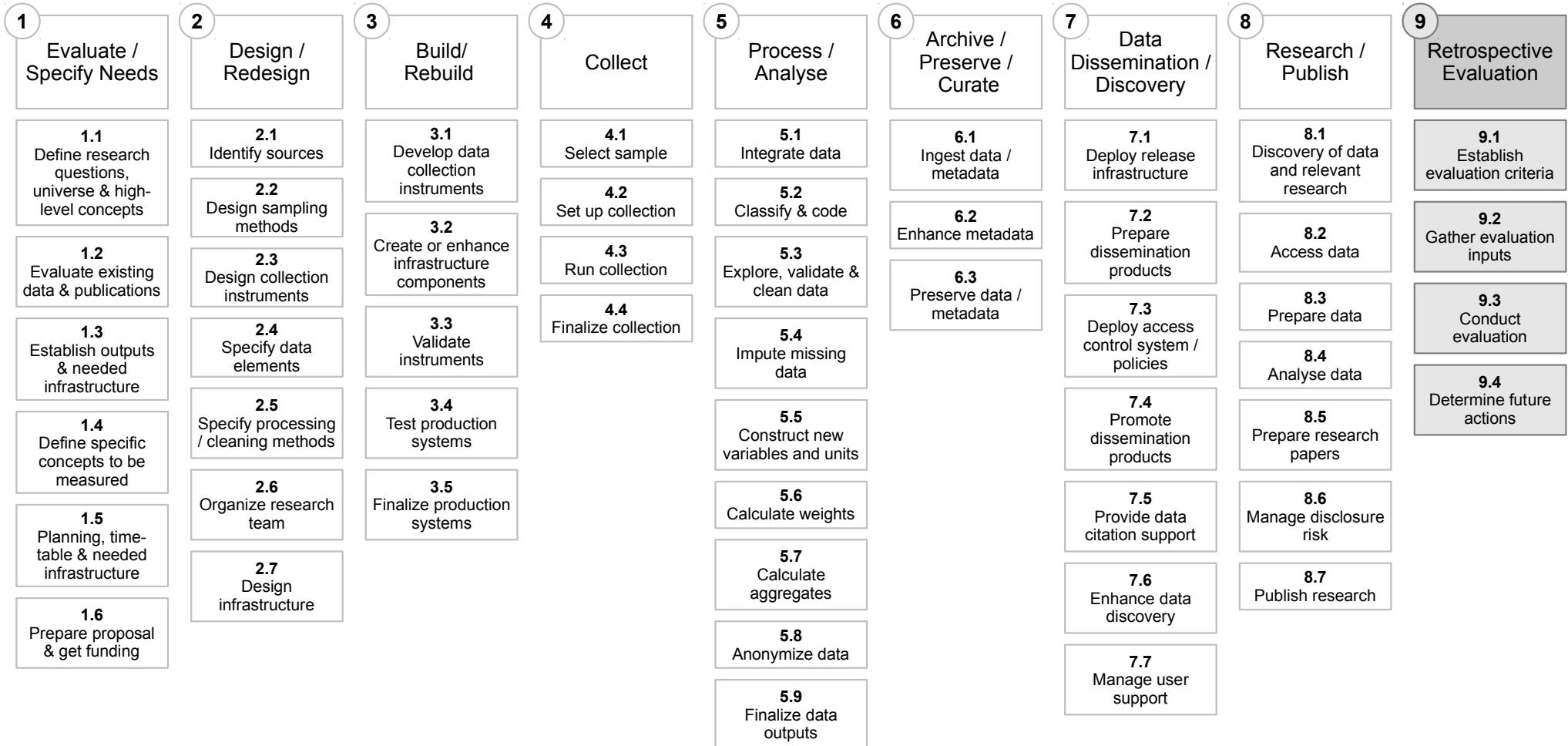
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Project Management / Quality Management

Metadata Management

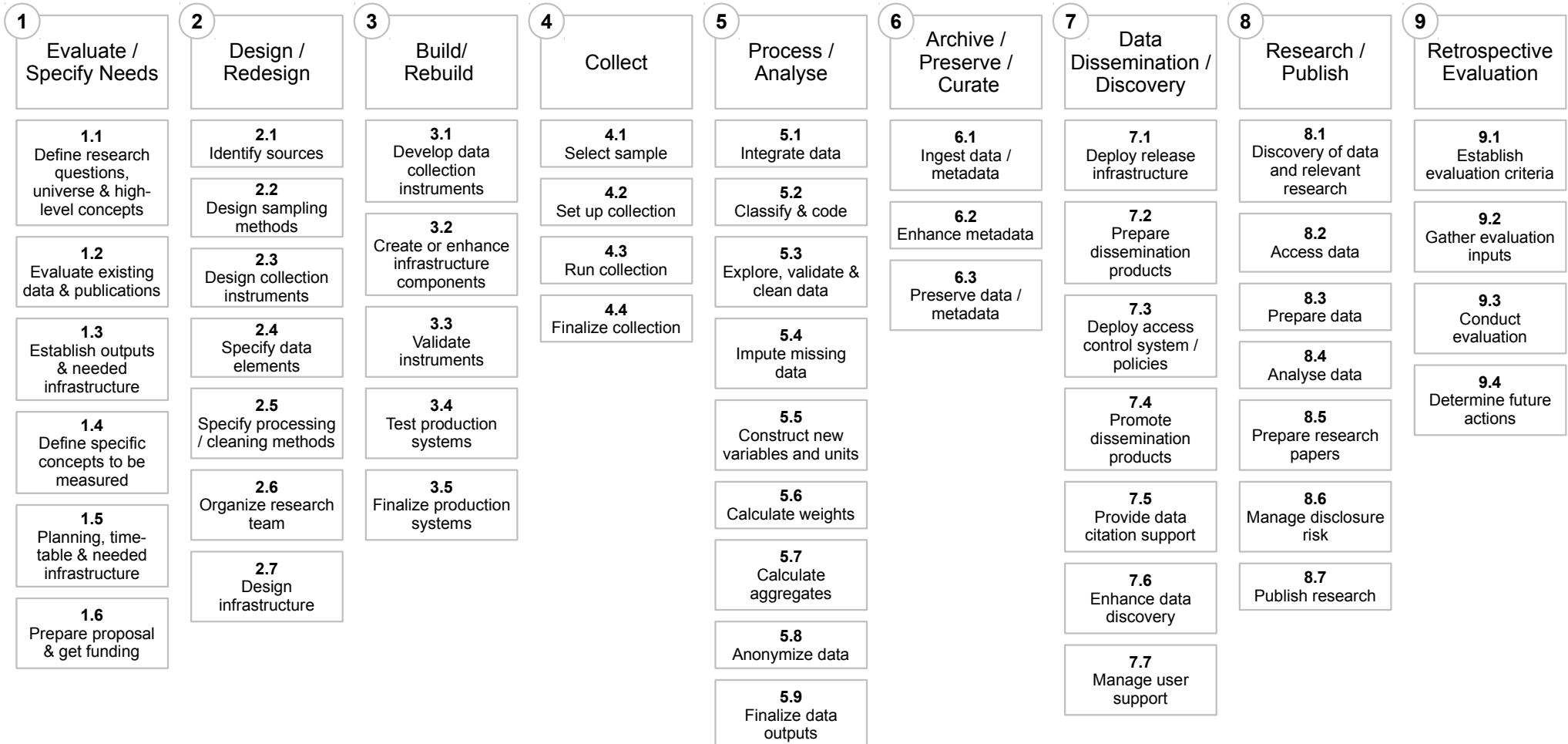
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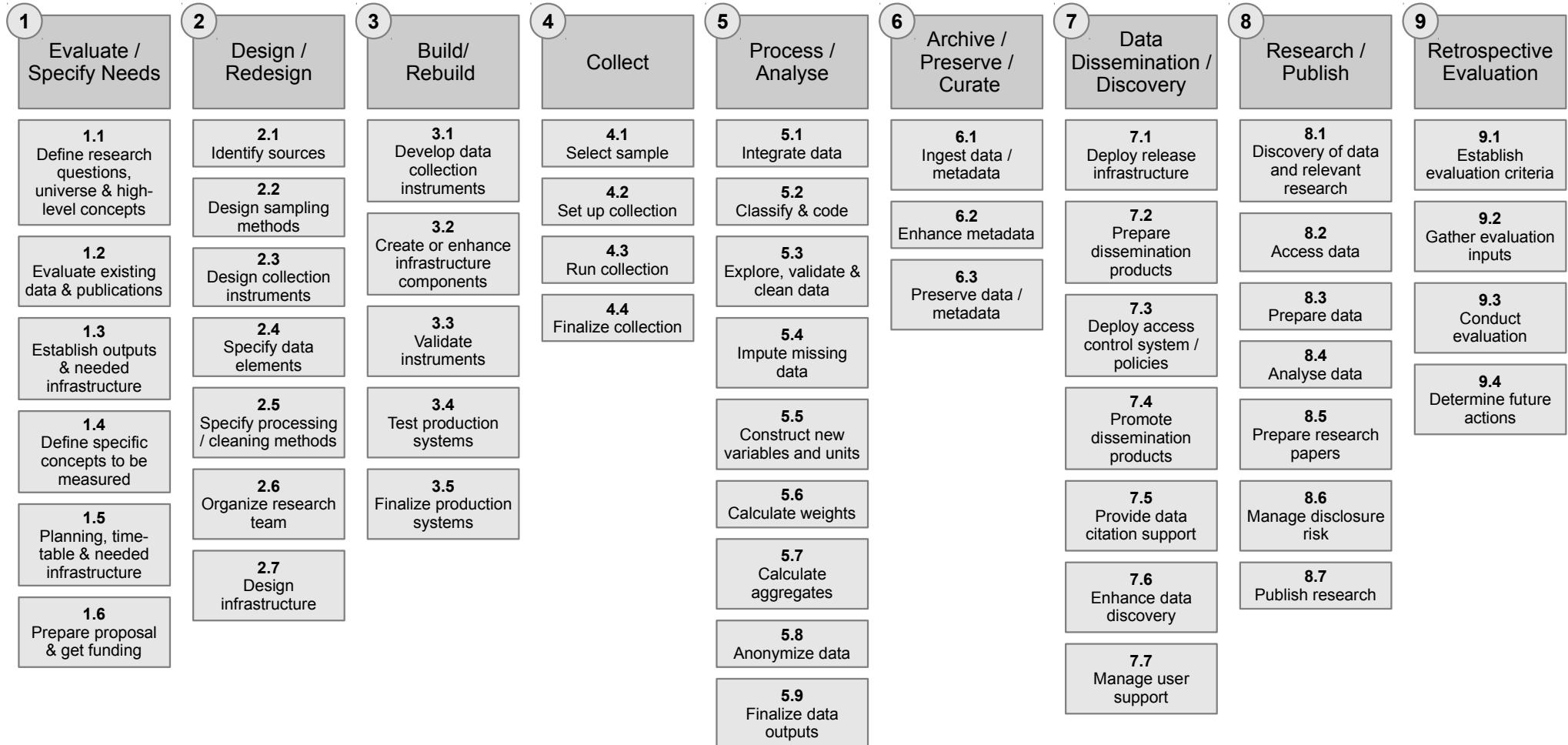
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Project Management / Quality Management

Metadata Management

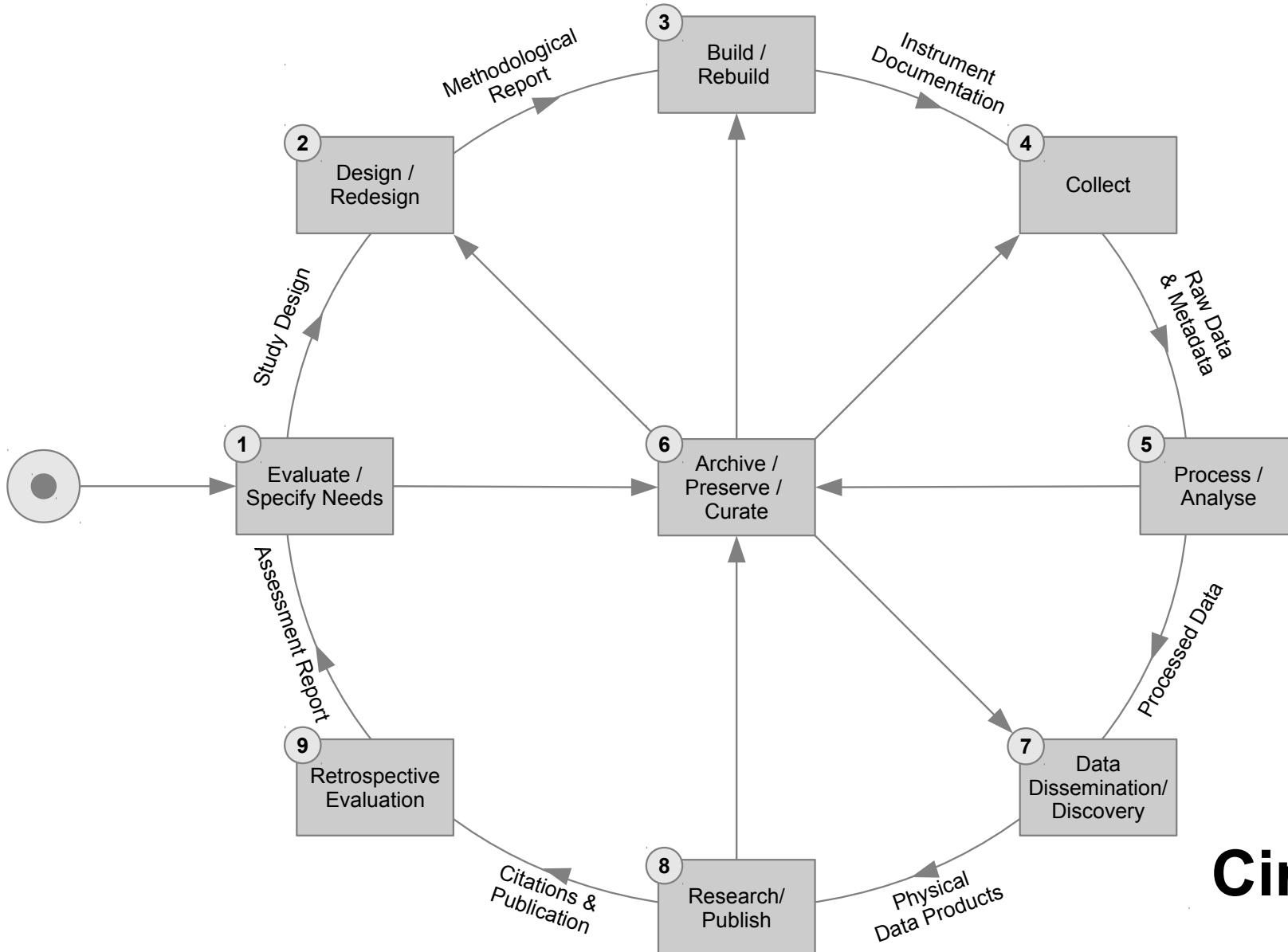
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Project Management / Quality Management

Metadata Management

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Circle View

Match DDI elements to sub-steps.

Evaluate for existing longitudinal studies.

Outlook

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Thank you.

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