

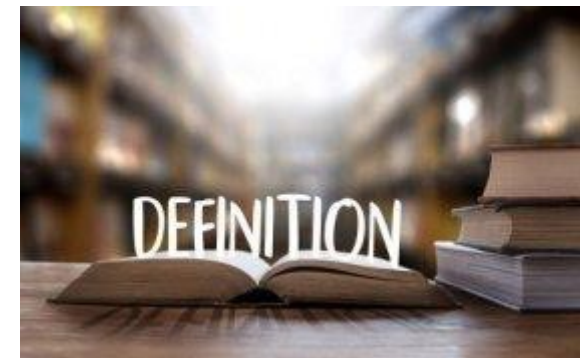
For me, data literacy means ...



It's up to you: <https://answergarden.ch/2509330>

Definition Data Literacy

Data Literacy is the ability to collect, manage, evaluate, and apply data; in a critical manner
(Ridsdale et. Al 2015)



(onephoto – stock.adobe.com)

Data Literacy Competencies

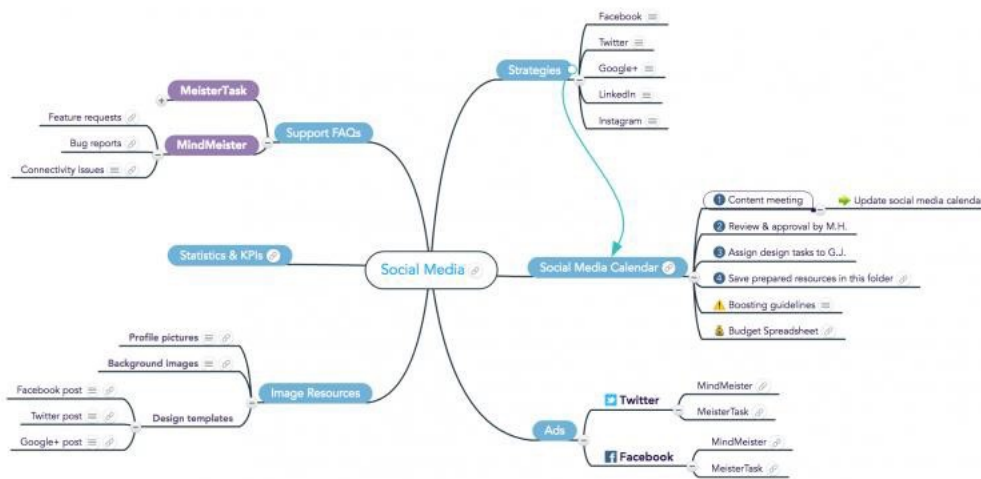


(Source: Guler 2019)

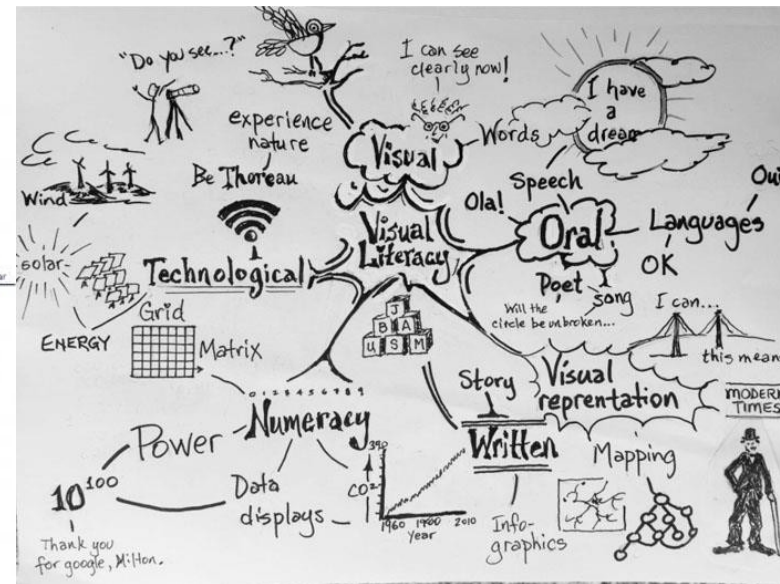
Exercise Data Literacy Knowledge Map

What are Knowledge Maps?

Knowledge maps can be understood as graphic indexes of existing individual and organizational knowledge bases.



Source: Heredero 2016



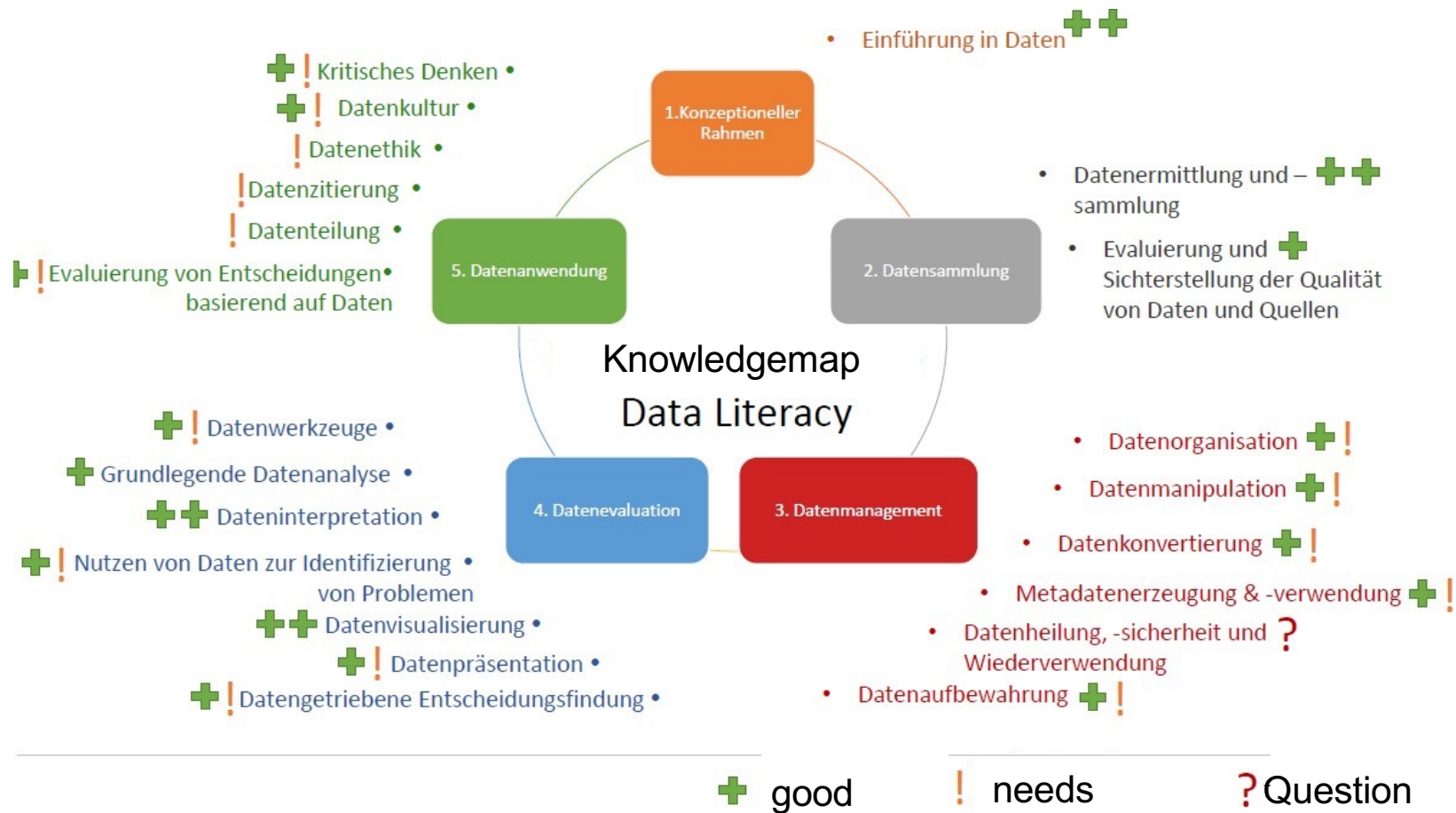
Source: Stewart McCafferty / Beaudry 2018

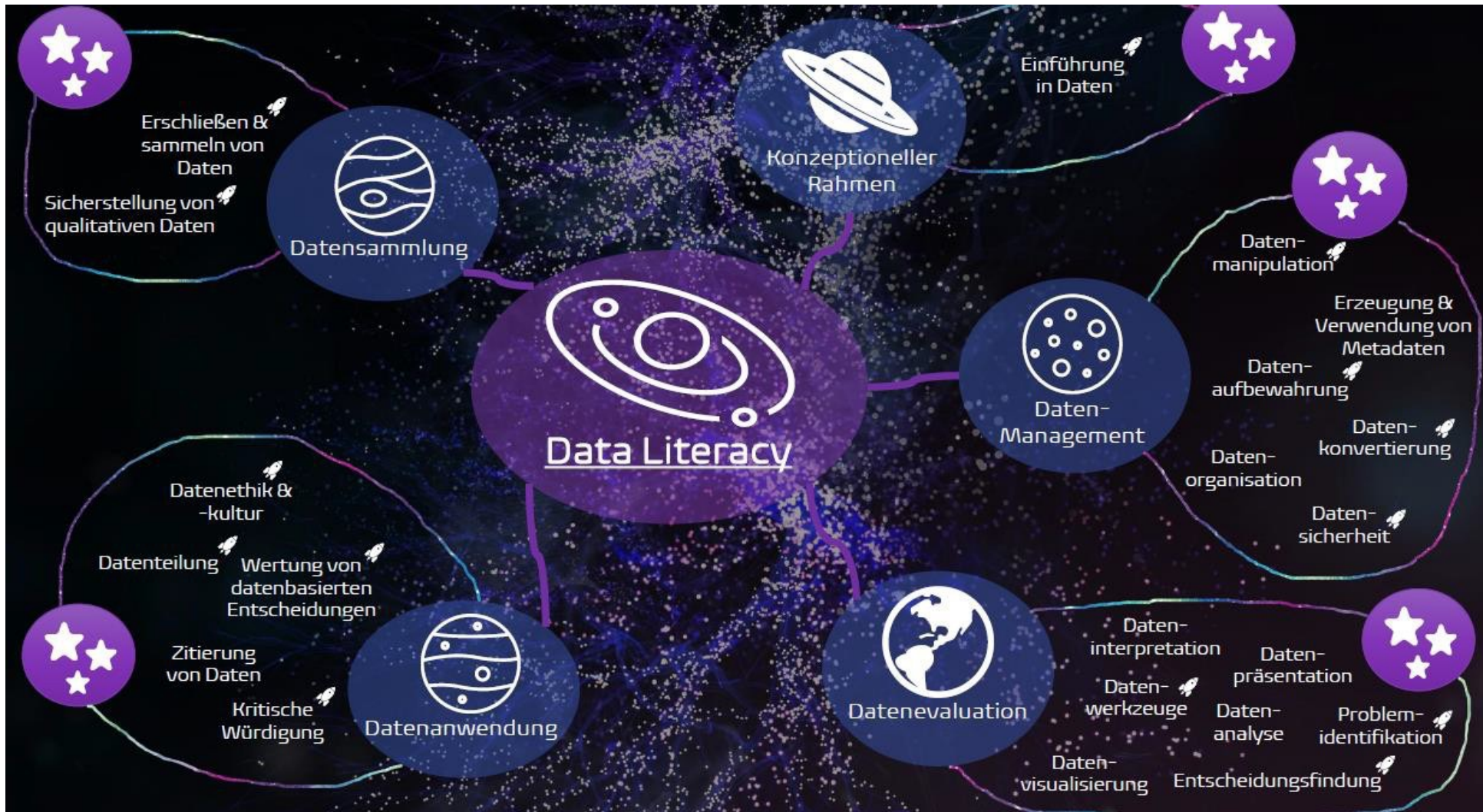
Exercise: Design your individual Data Literacy Knowledge Map:

- Visualize your data-related knowledge.
- Use the structure of the Ridsdale competence matrix.
- Note down your existing knowledge by examples, practices.
- Note questions, unresolved issues, needs
- Use a consistent visualization that represents the current state.

| Current state | Sign to represent your knowledge |
|--------------------------|---|
| Existing knowledge | + (plus sign) |
| No knowledge or practice | - (minus sign) |
| needs | ! (Exclamation mark) |
| Questions | ? (Question mark) |

Examples





Give it a try, design your personal data literacy knowledge map!

1. Discuss the exercise and your understanding of the ridsdale framework in teams
2. Start a first draft of your personal data literacy knowledge map
3. Come together and discuss first results
4. Reflect changes and updates of the data literacy knowledge map at the end of the summer school

Sources:

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Stewart McCafferty, A., & Beaudry, J. (2018). Mapping, visual literacy, and assessment for learning. In Teaching strategies that create assessment-literate learners (pp. 61-84). [Online, Zugriff am: 2022-06-10] Verfügbar unter: <https://dx.doi.org/10.4135/9781506382135.n5>