



HOSMARTAI

AI for the smart hospital of the future

Pilot 8

HosmartAI stakeholder workshop

Eindhoven, Nov 24 2022

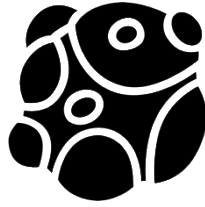


This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101016834

Prognosis of cancer patients and their response to treatment combining multi-omics data



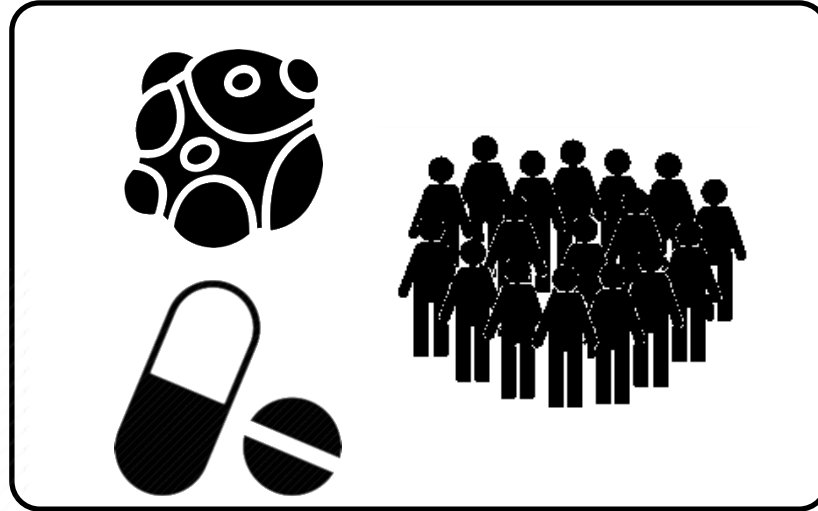
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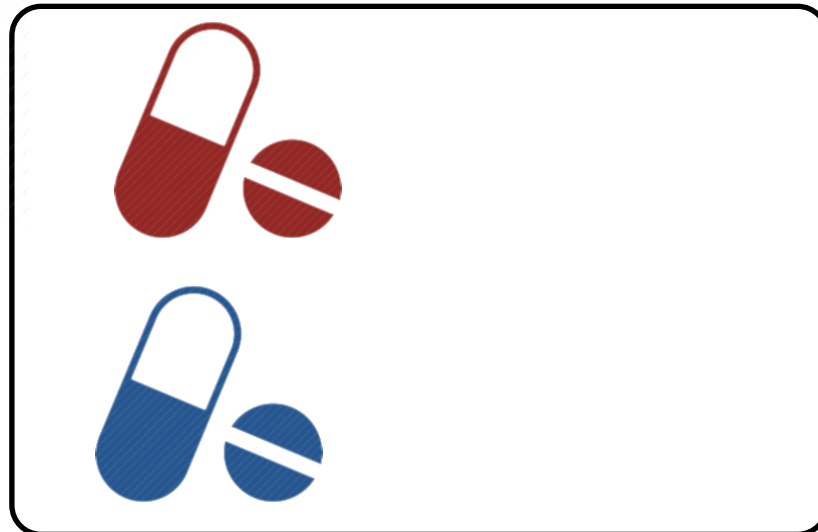
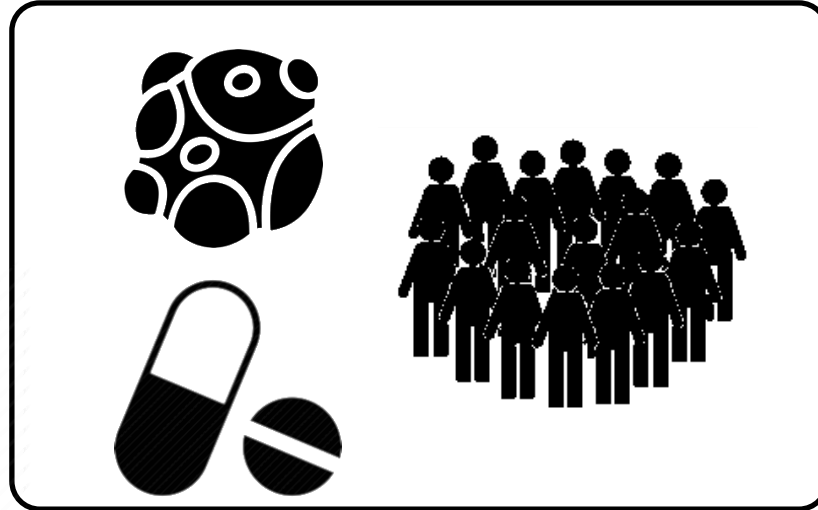
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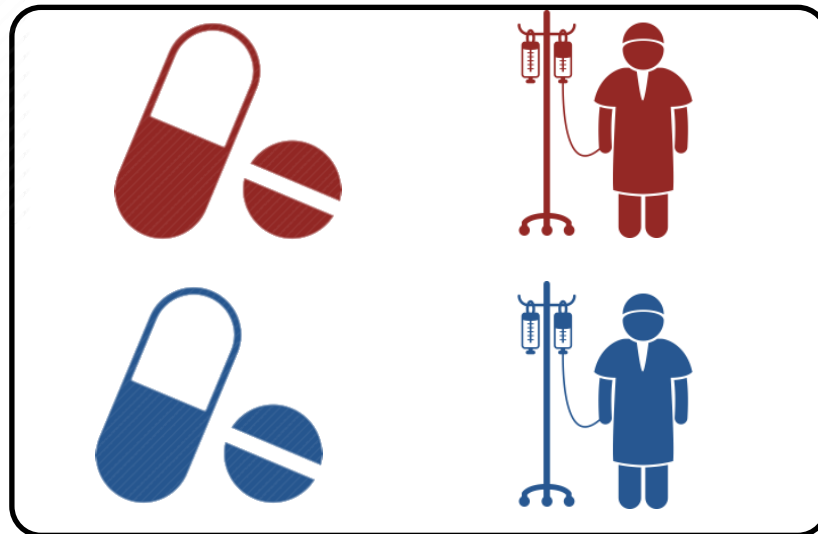
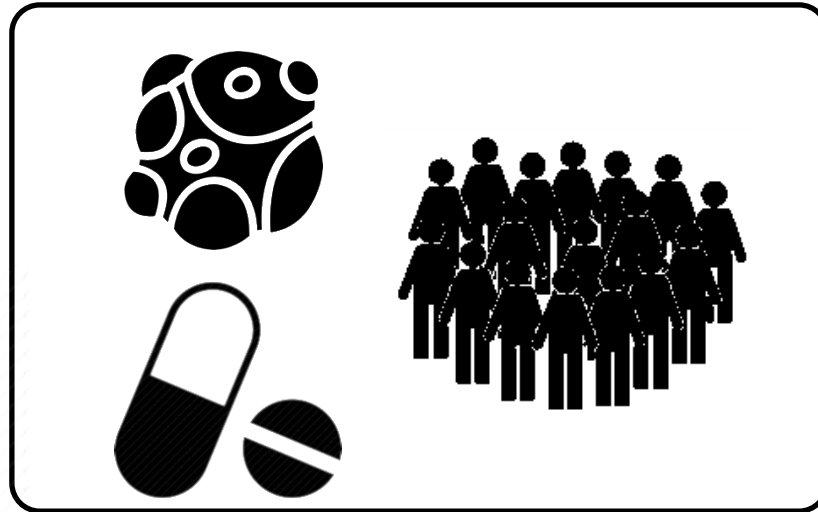
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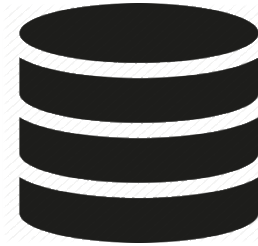
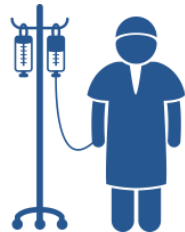
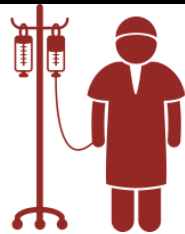
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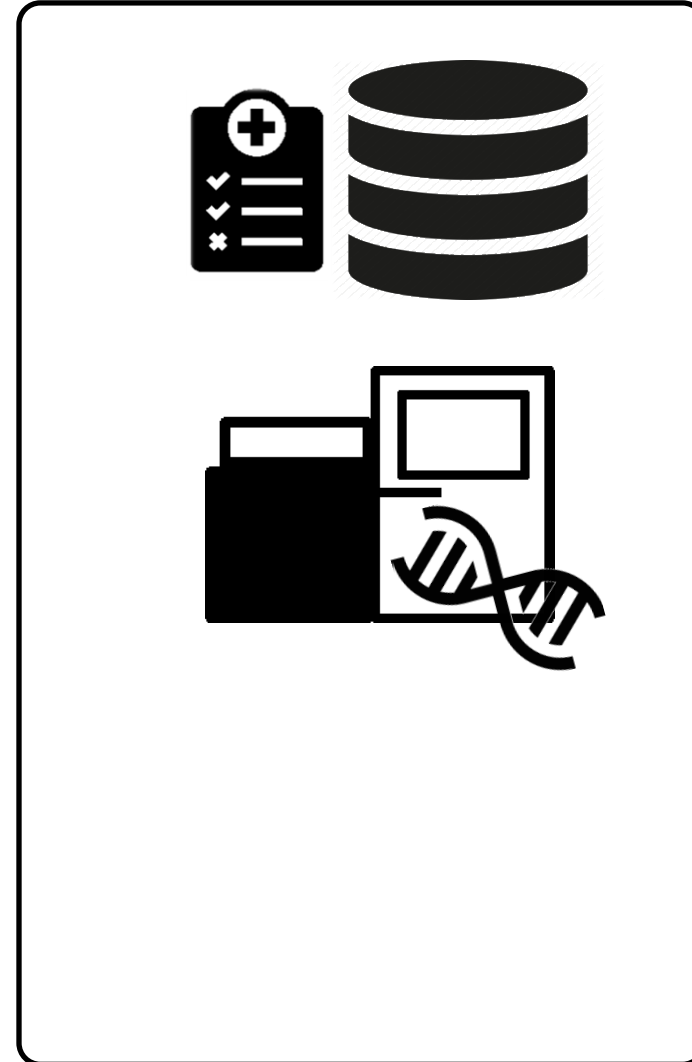
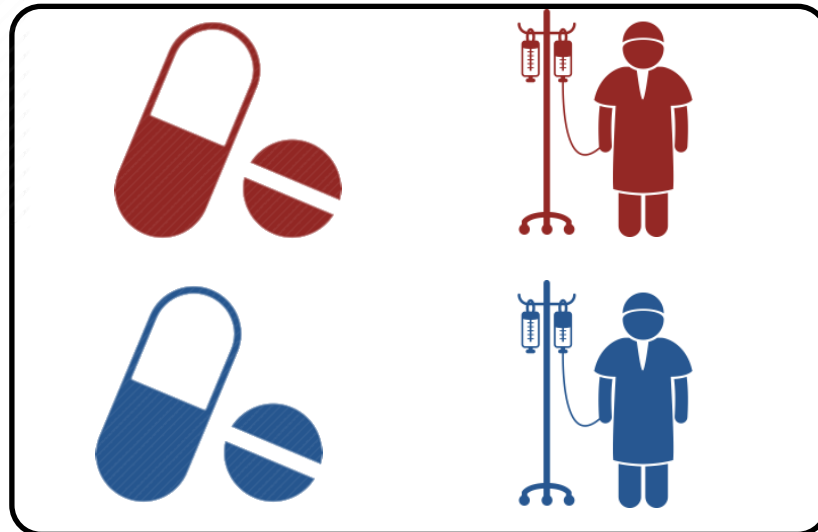
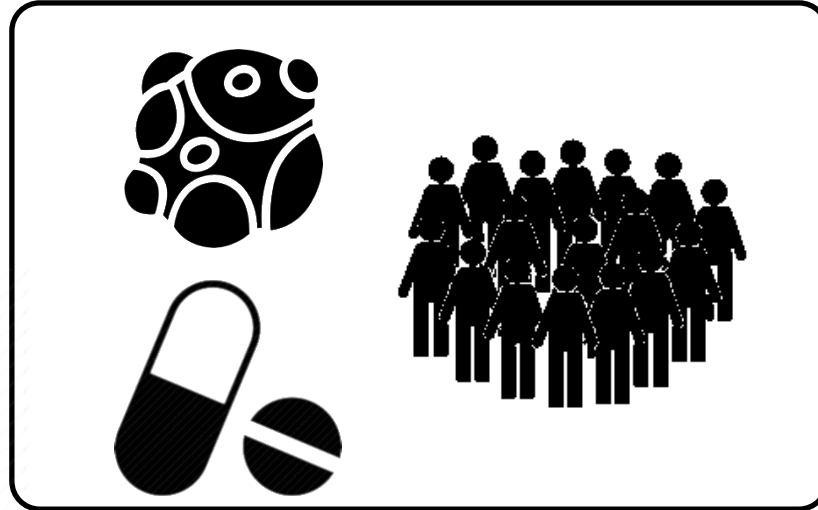
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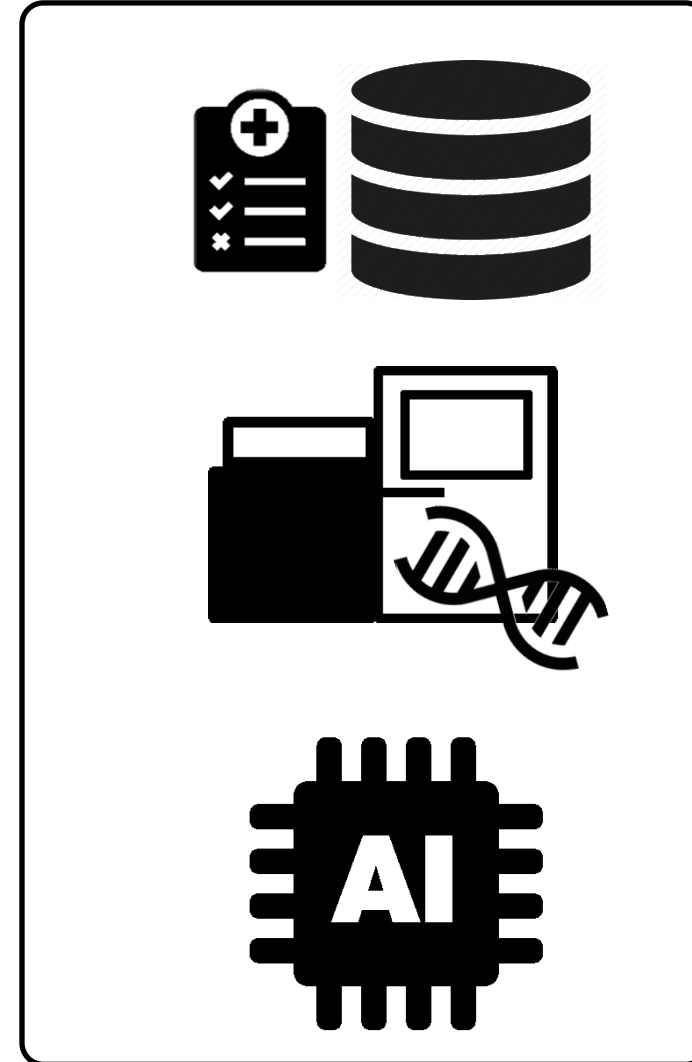
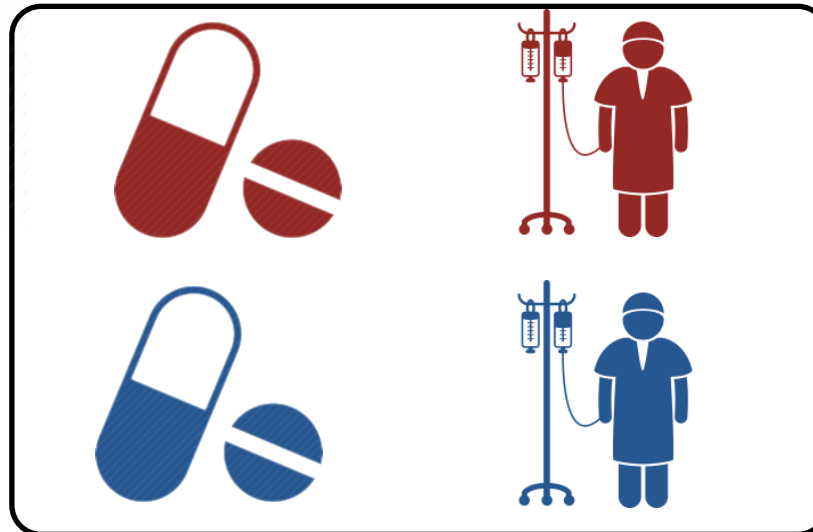
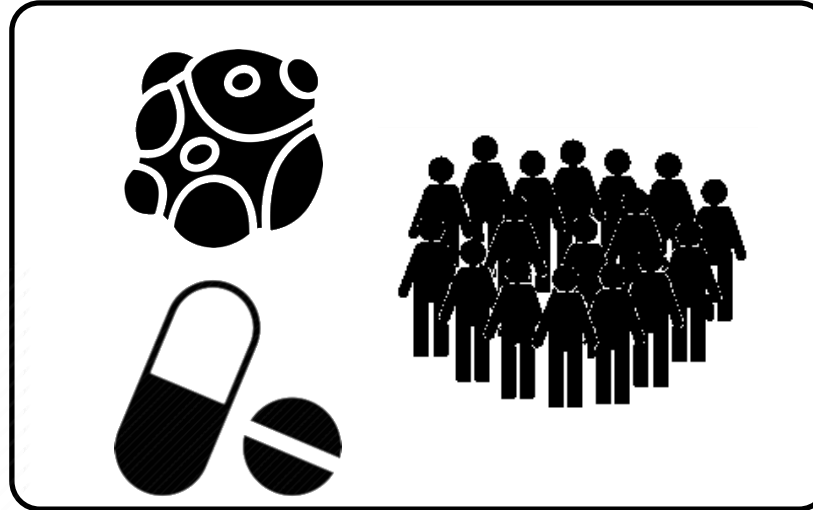
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Focus on Glioma

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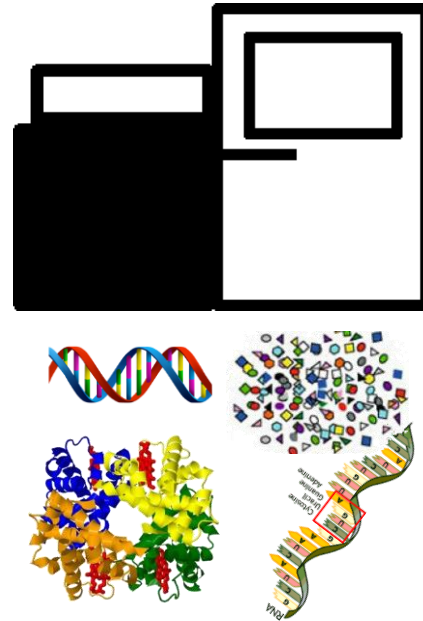


- **Complex**
- **Heterogenous**

Focus on Glioma



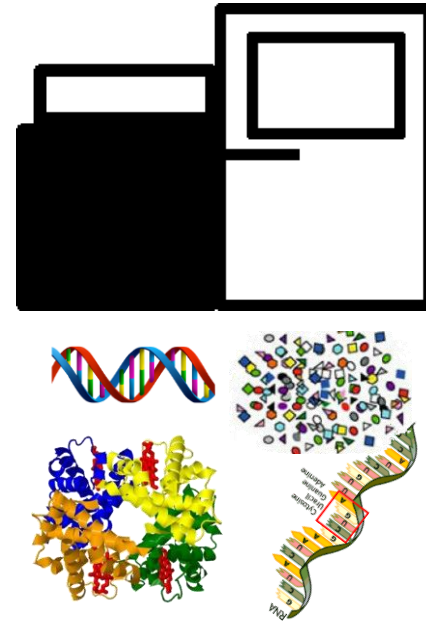
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Focus on Glioma



- Complex
- Heterogenous



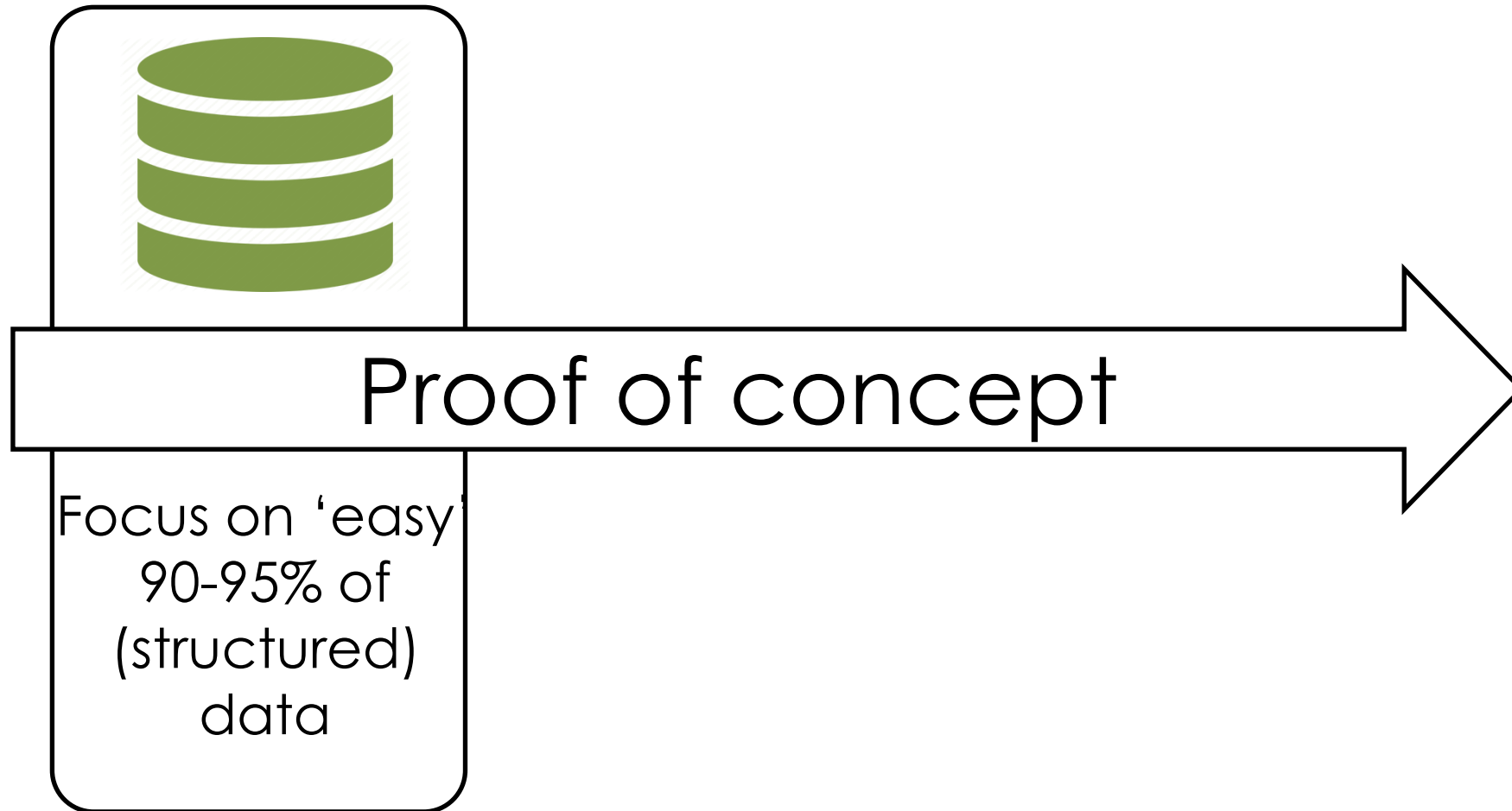
**Treatment
varied**

Implementation – practical (and pragmatic)

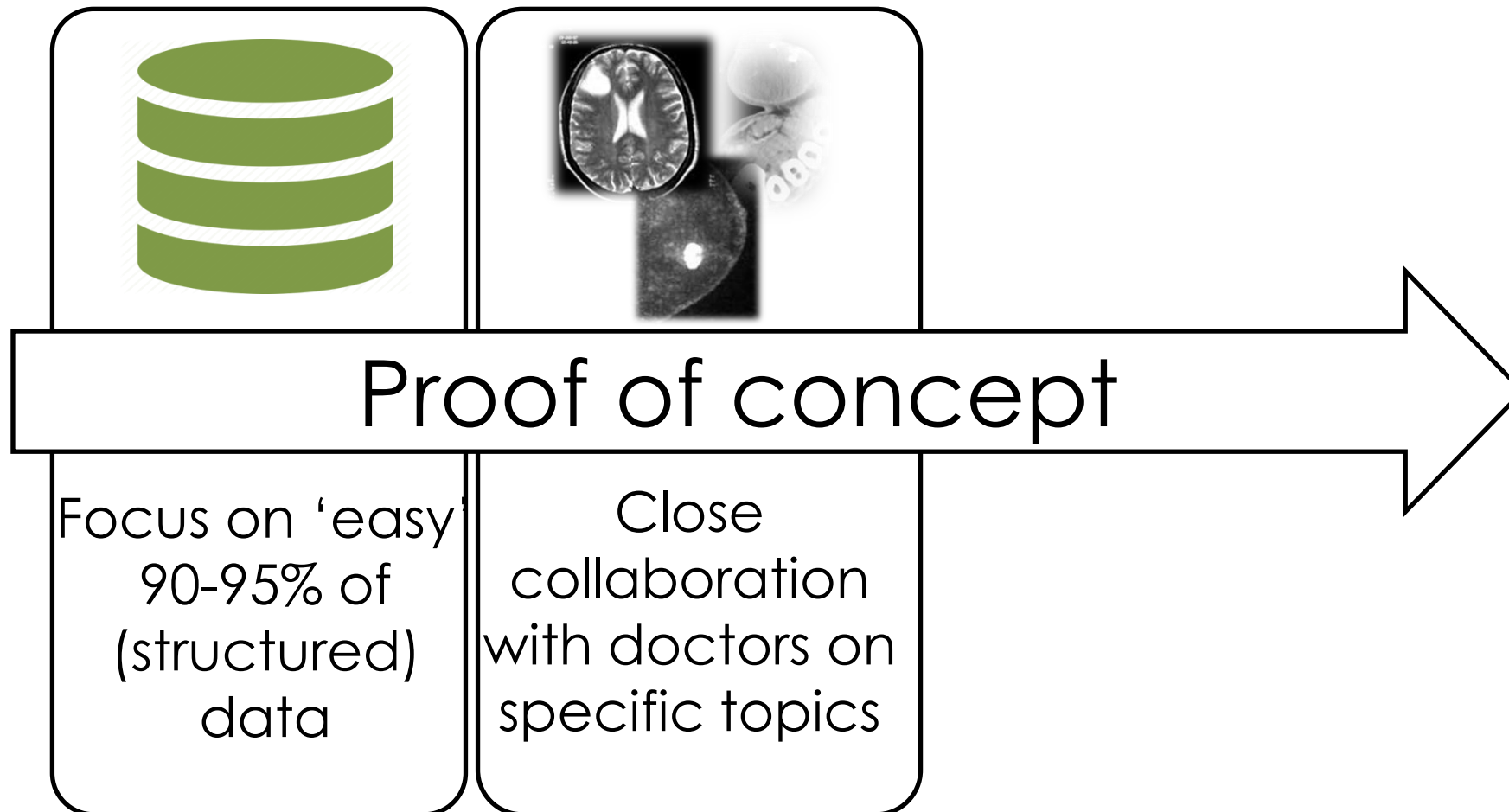


Proof of concept

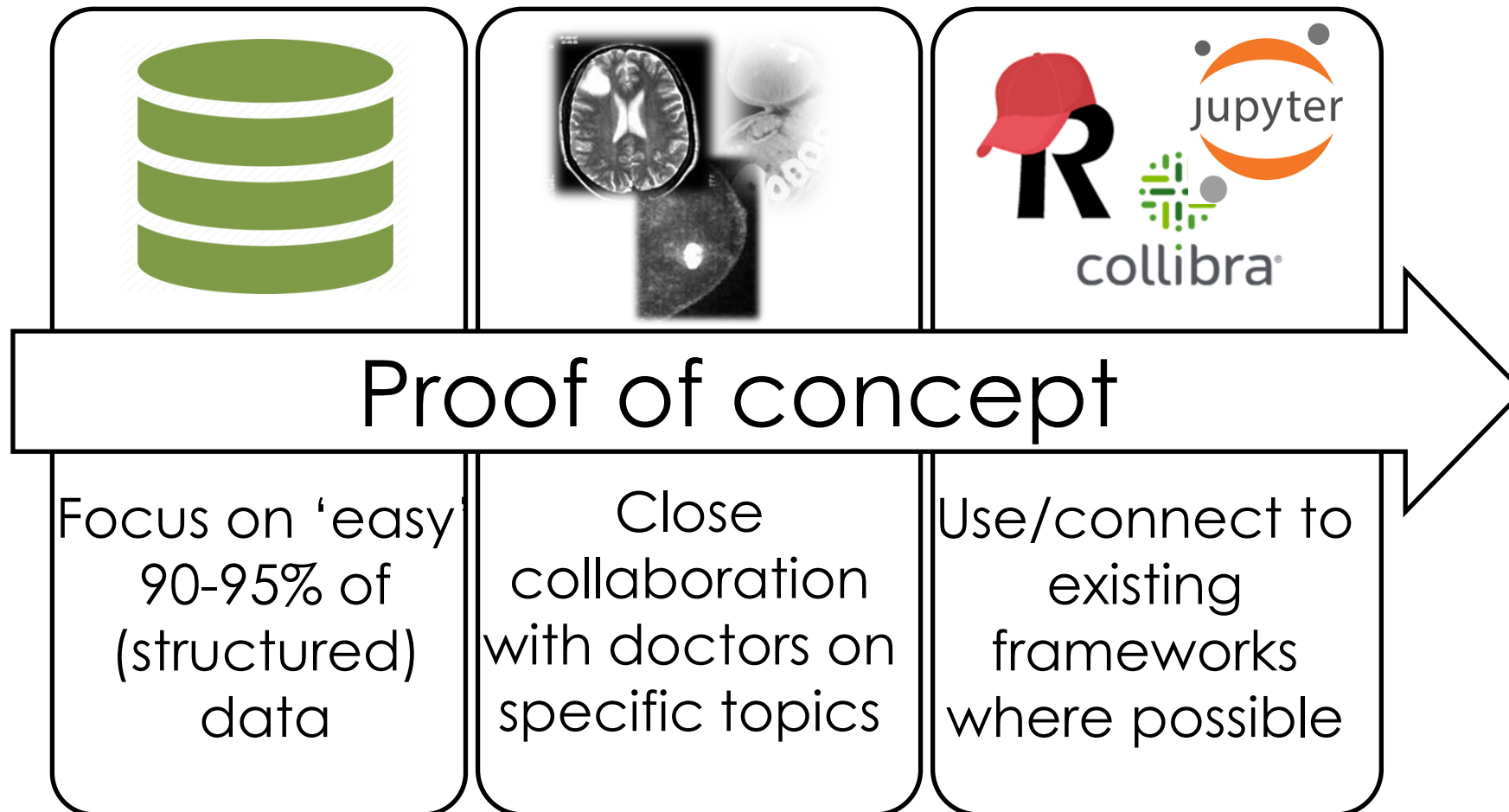
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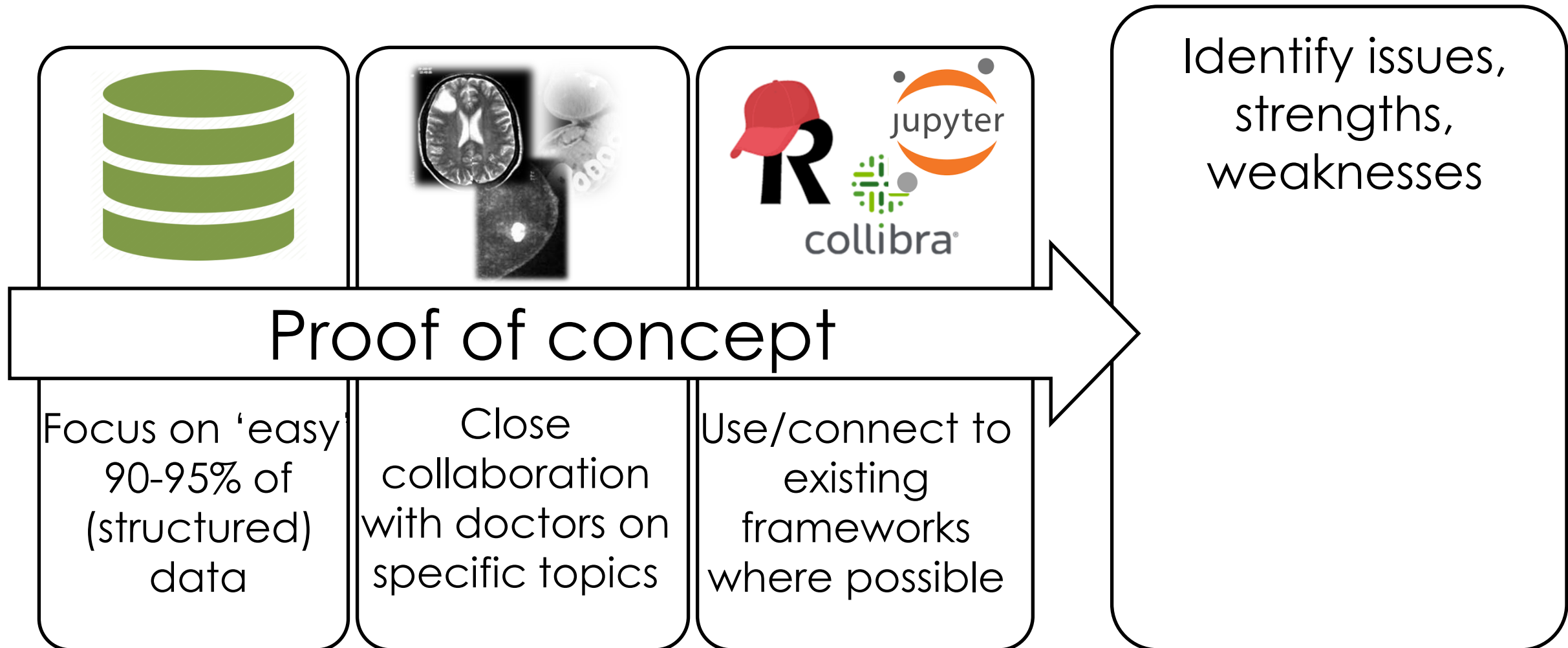


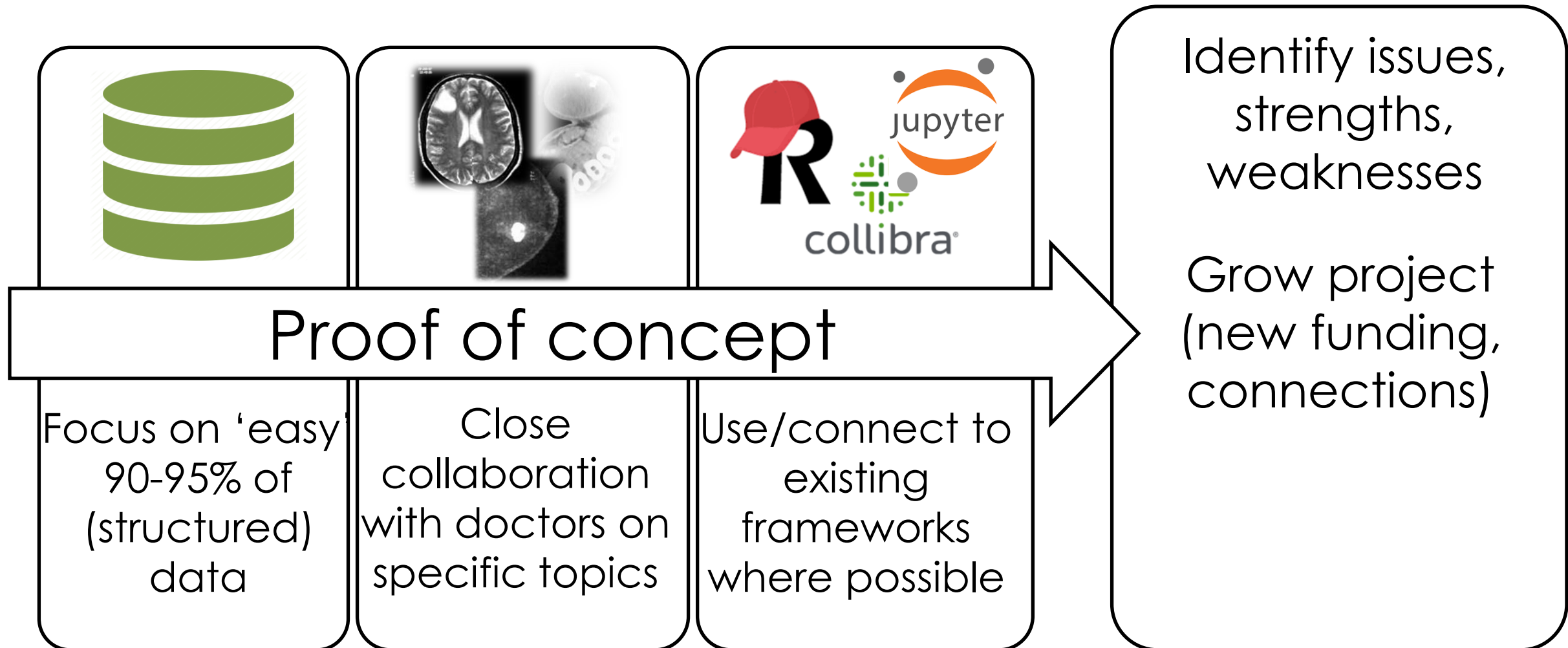
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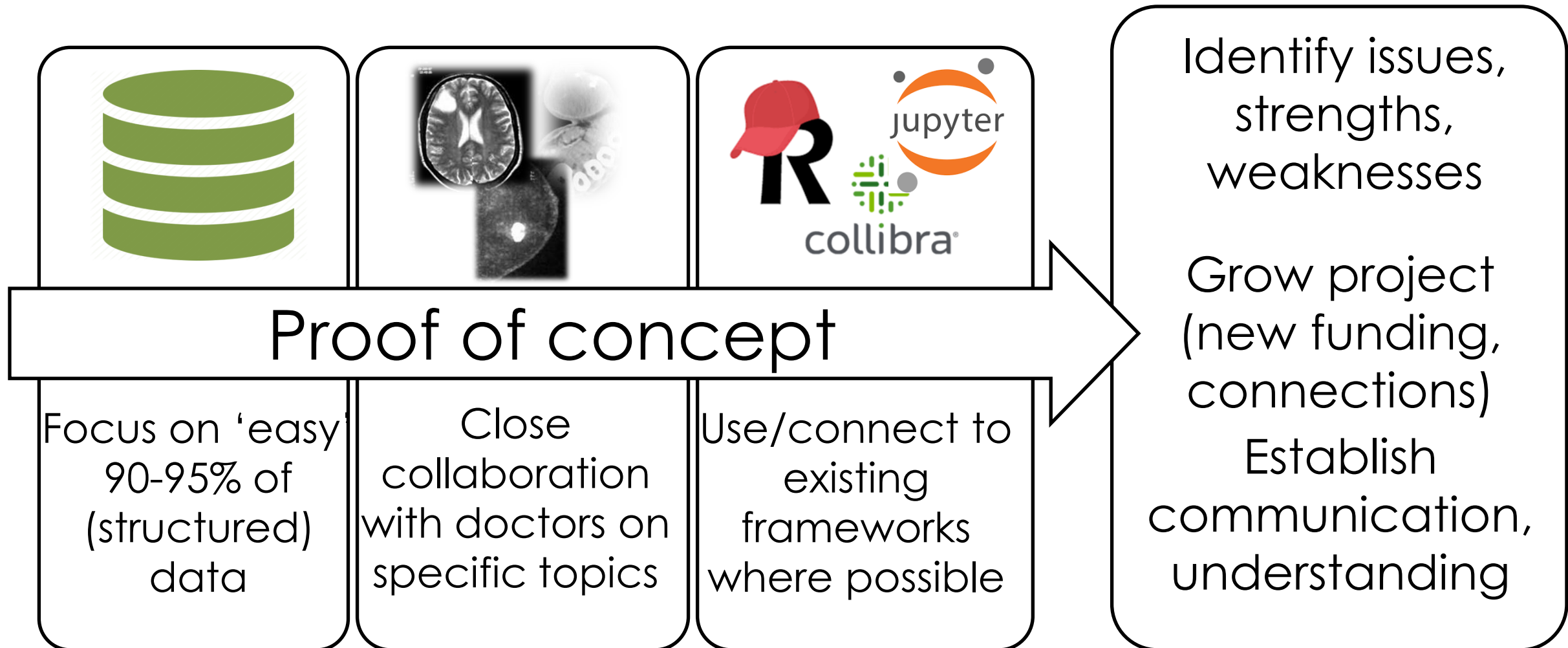


Implementation – practical (and pragmatic)









How do we get this to work in VUB/UZB?

- DNA mutations and cancer
 - Webserver to interpret single mutation (from hospital)
 - Impossible to trace back to a single patient
- Tumor images
 - Pilot study with ethical approval
 - Research only, all data within hospital
- Will connect these two approaches
- Interaction with clinicians is crucial!