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How big should hospitals of the future be?

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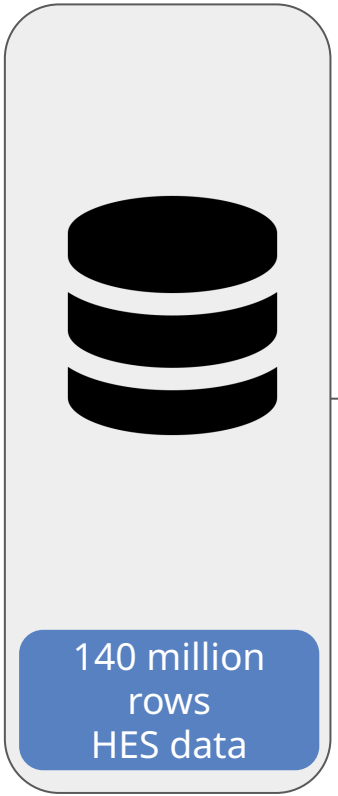


140 million rows HES data

Population growth

Tackling waiting lists

Rising patient expectations

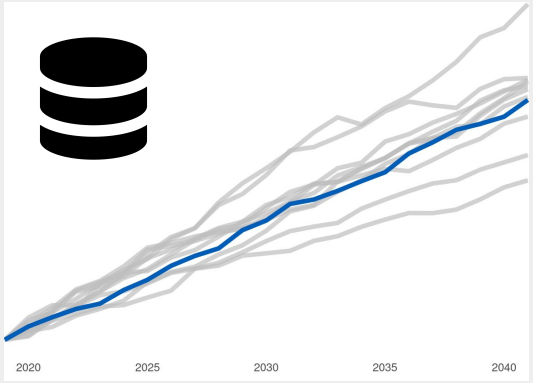
Hospitals to community

Prevention

Shortening hospital stays

Set hundreds of parameters as *ranges*

256 model simulations



256 possible futures (admissions & beddays)

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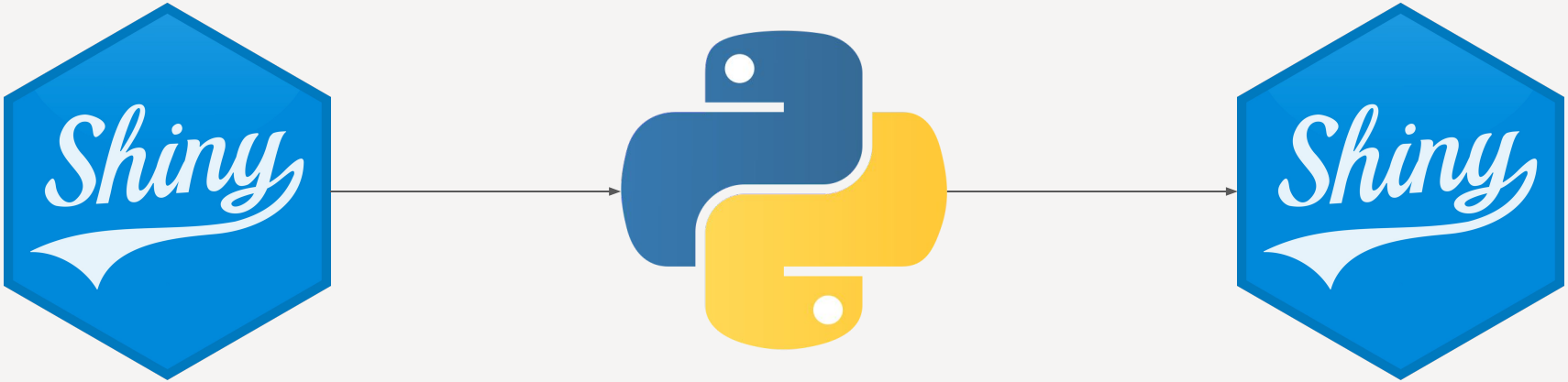
Shiny
Shiny

Two years ago...

v0.3.3

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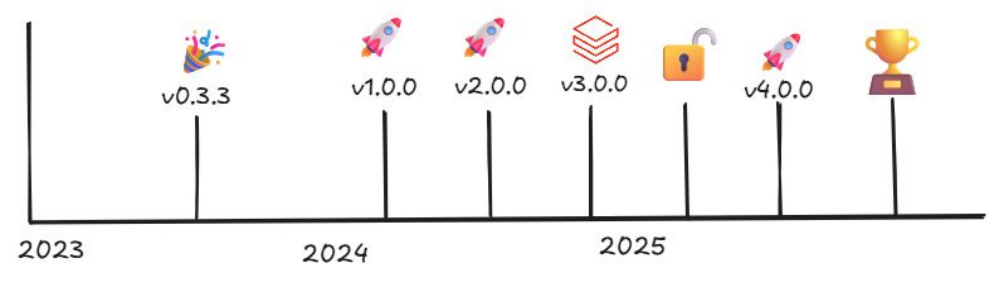
Now



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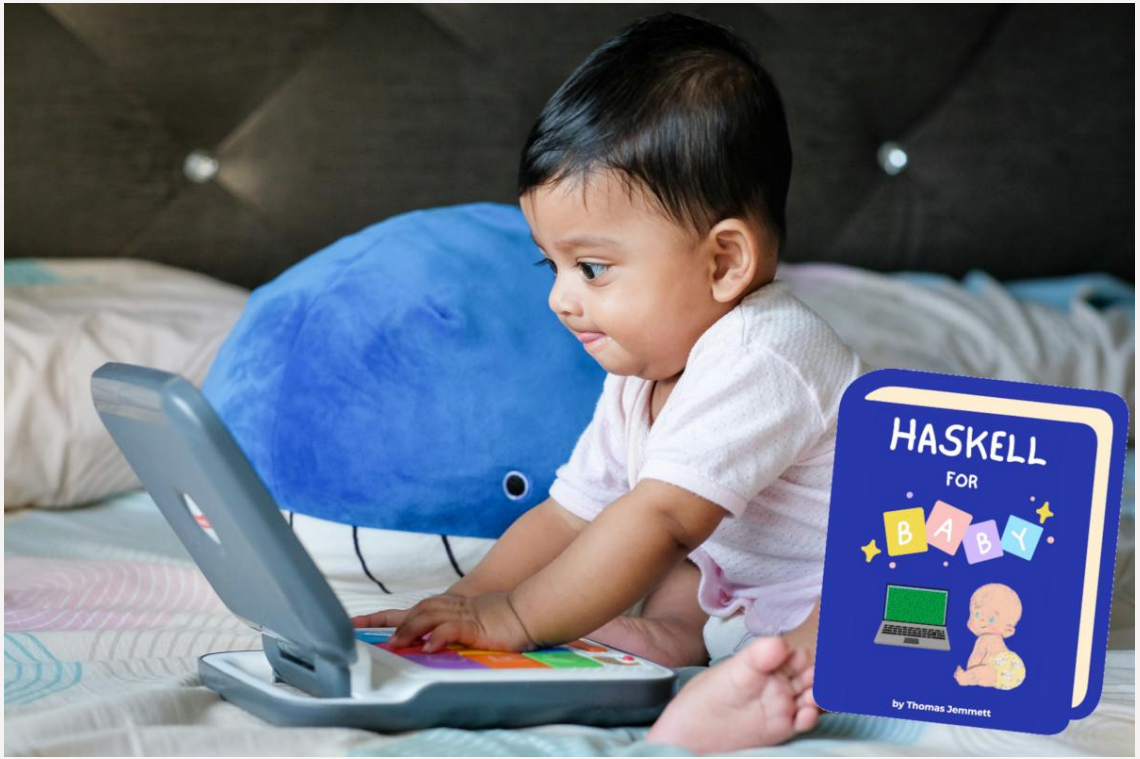
We didn’t **plan** to get here

Tom had a baby



*Not Tom's actual baby

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We got **users**

*Actual photo of us getting pelted with requests

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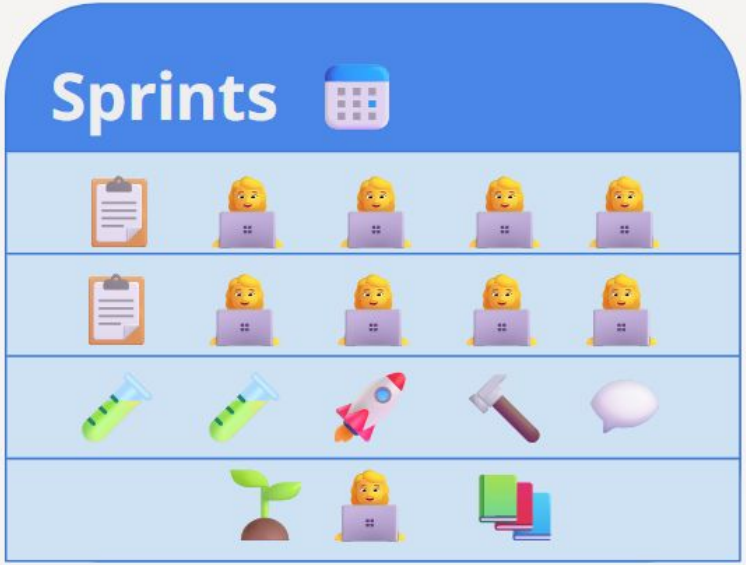
Model is being **developed** whilst **in production**

Treat our **model** like **software**



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Use sprints to **manage expectations**

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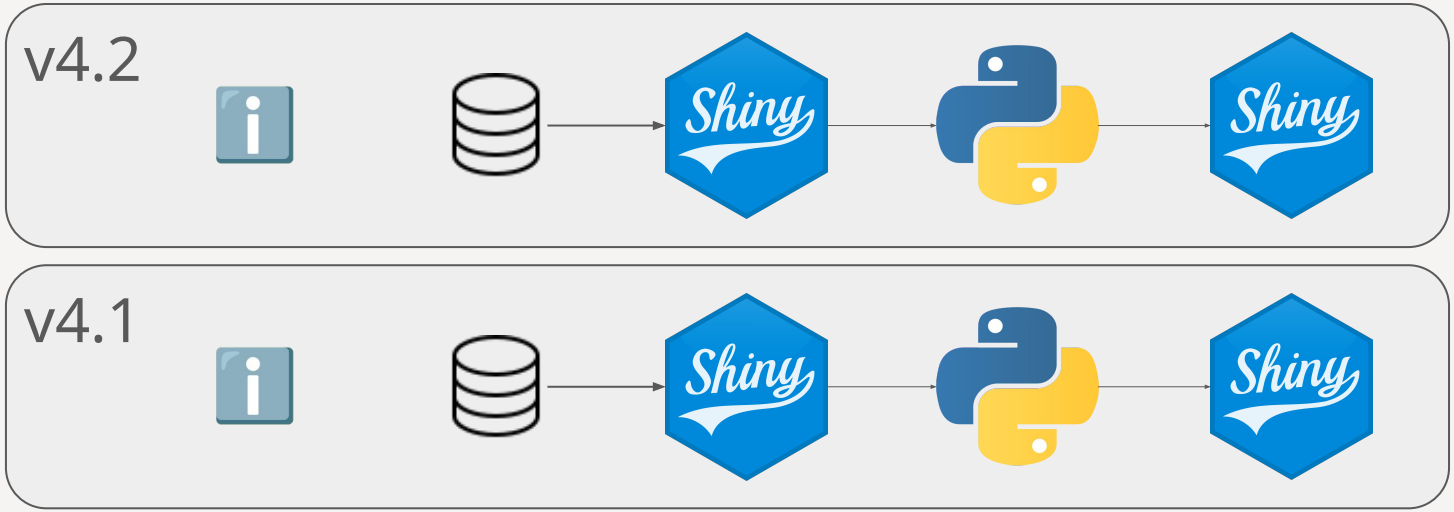
Single version for the whole ecosystem



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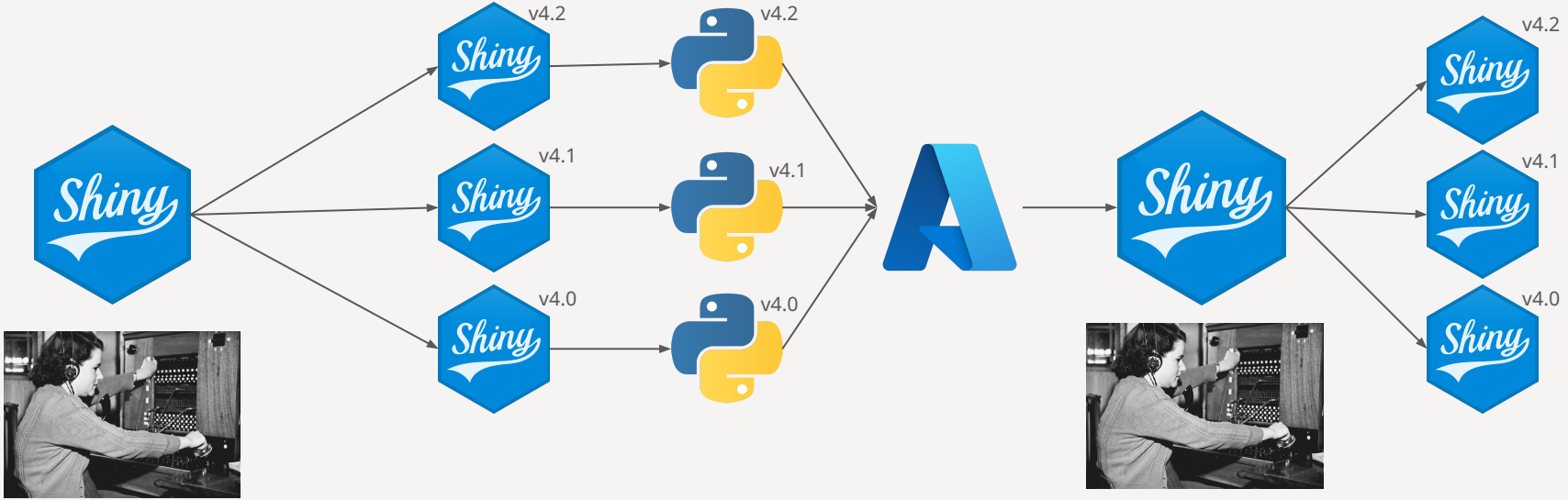
Shiny **switchboard** for version management



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Made QA work for **us**

- Pre-release QA checklist v4.3 #434
- Release procedure checklist v4.3 #435
- Post-release QA checklist v4.3 #436

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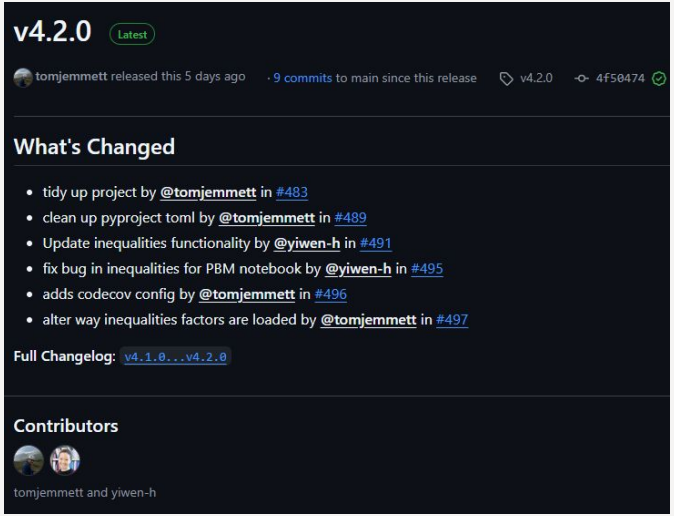
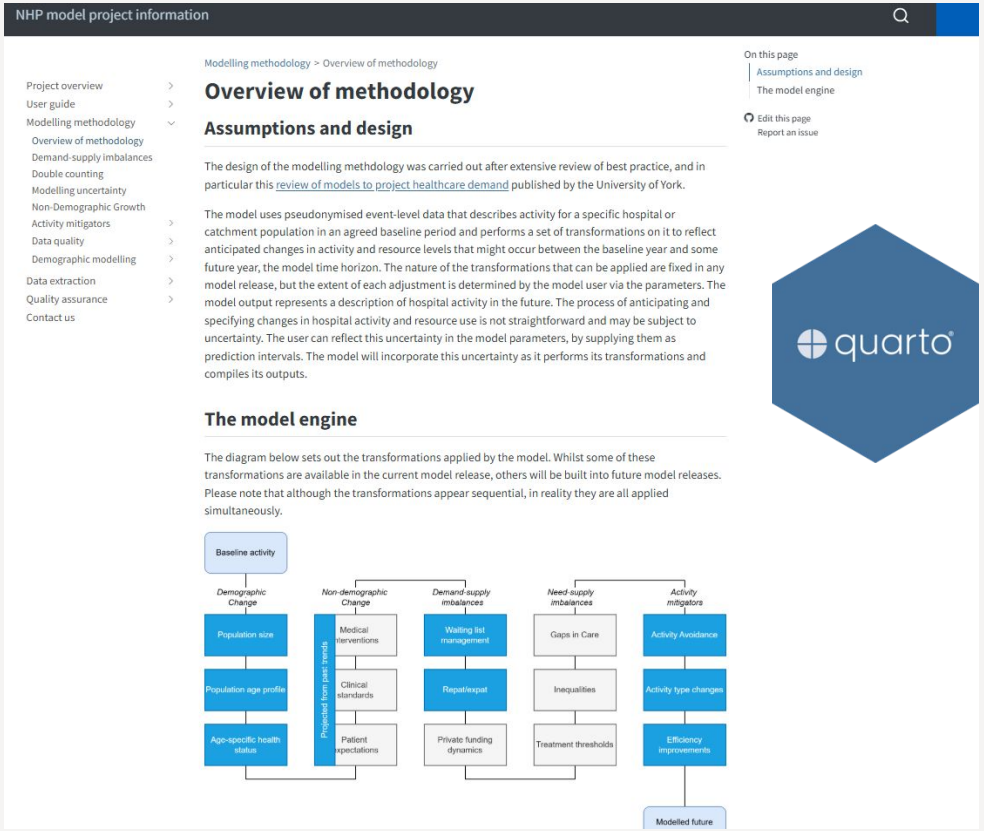
Document **everything**





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We started coding a **model**...

and accidentally grew a tech **ecosystem**

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