Agile on the Edge

Building Projects with Cutting Edge Technology Using Agile Methodology



The Problem

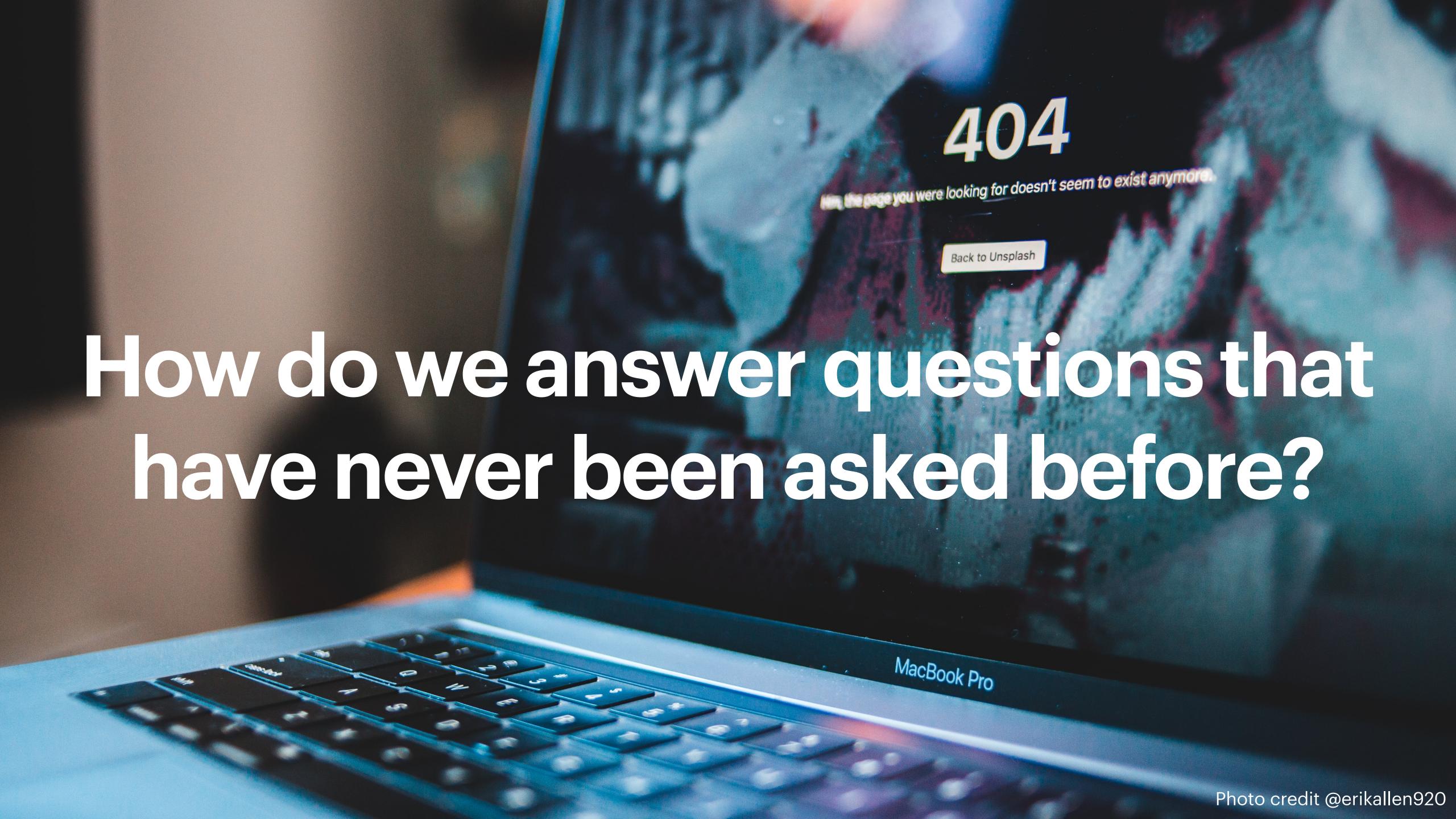




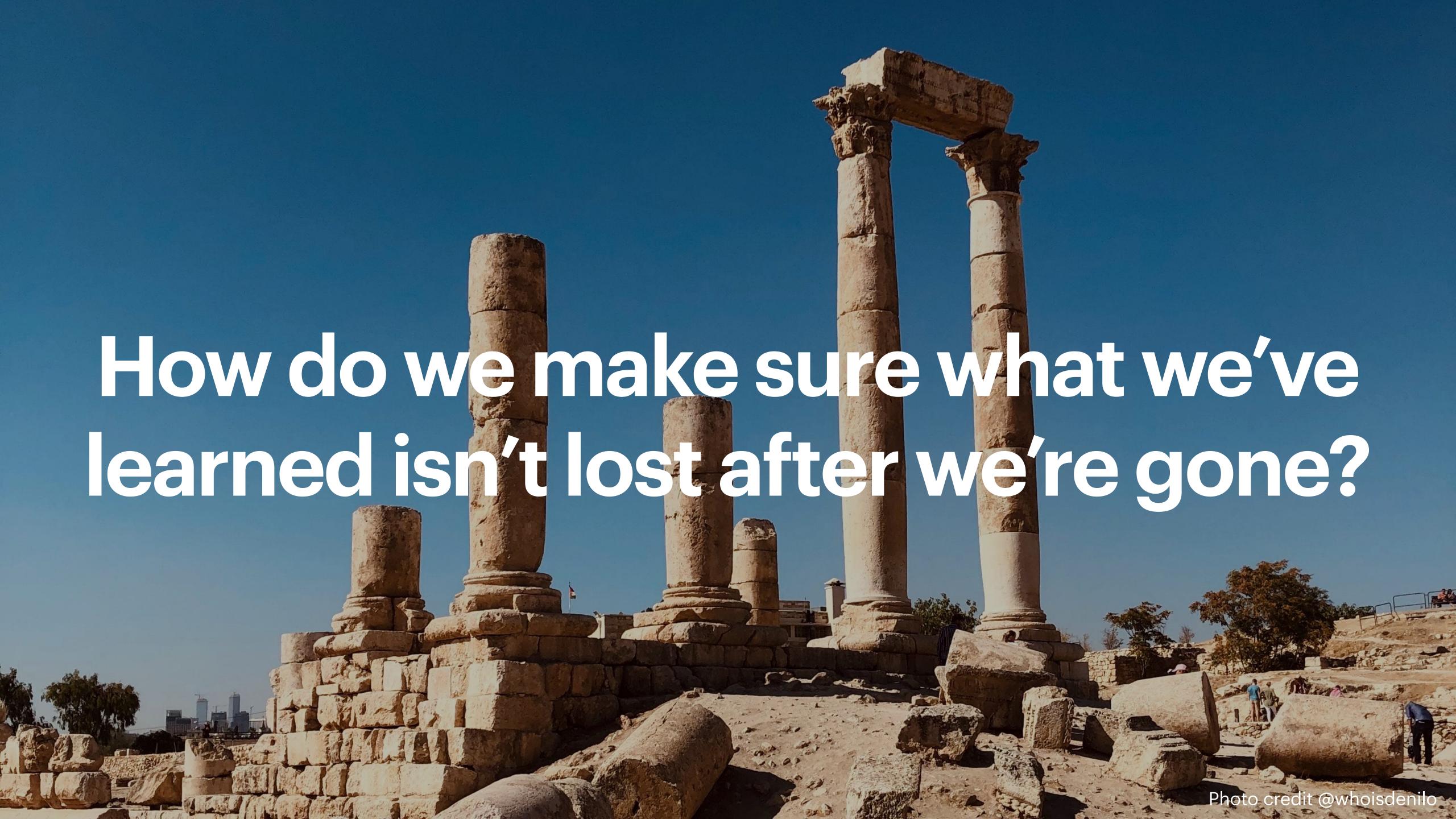










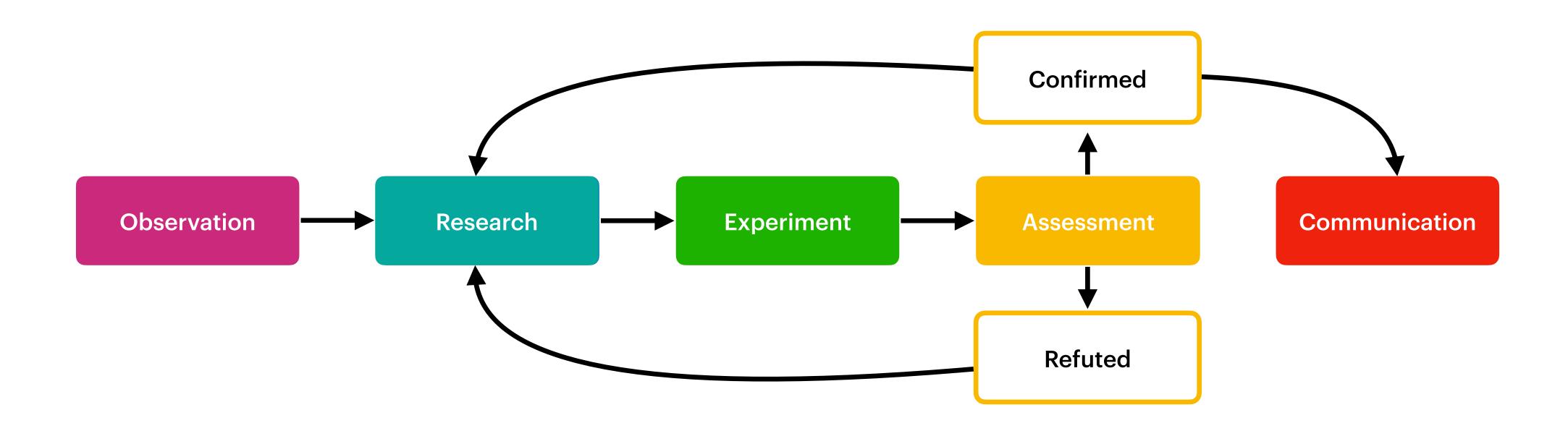


Our Solution



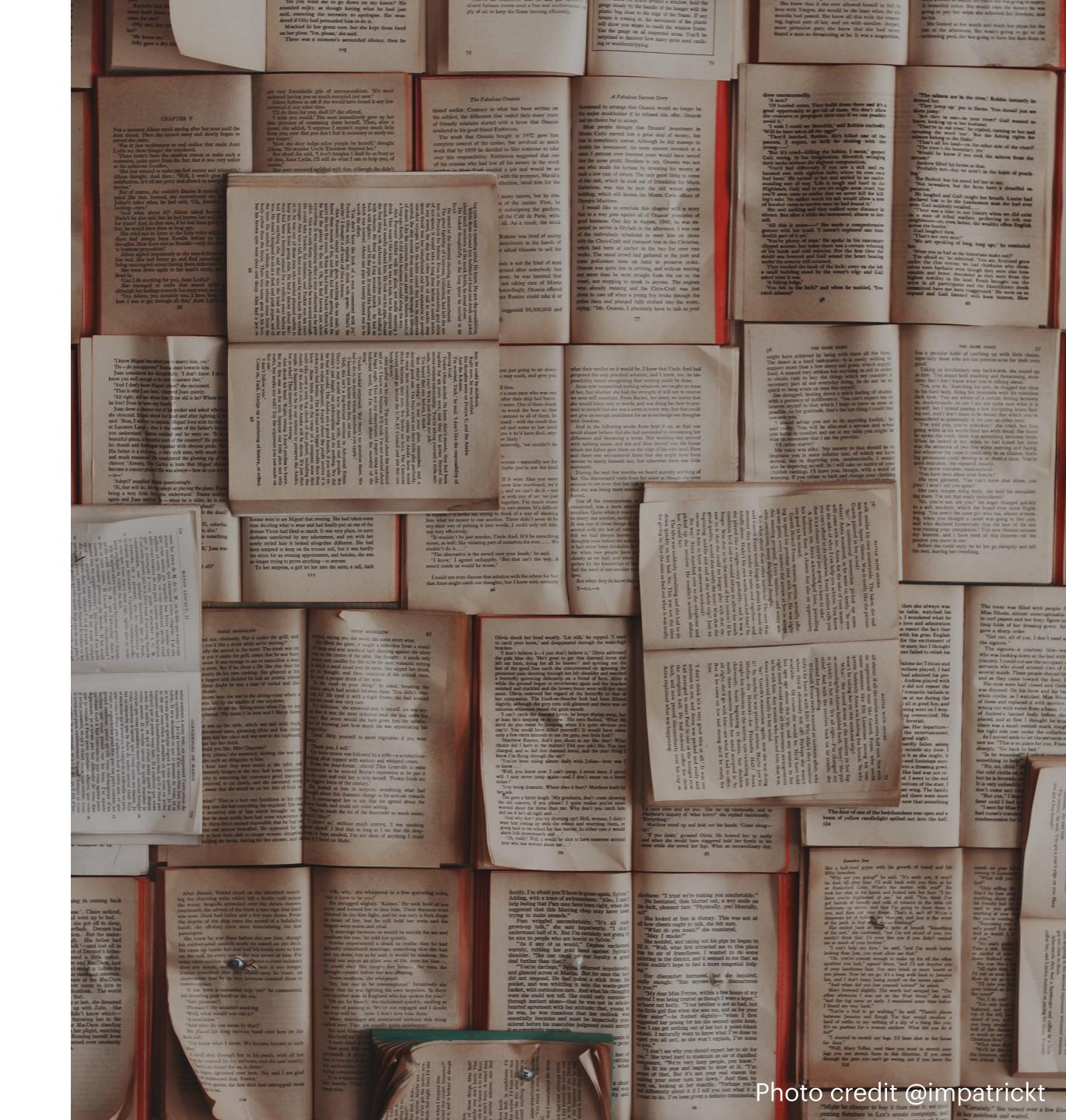
Observation > Hypothesis > Experiment > Pata Collection/ Analysis Revise hypothesis Revise hypothesis

The "Scientific "Method



Research

- We want to learn as much about a subject as possible.
- We want to gather information from a wide range of sources, including everything from highly technical research papers in academic journals to news articles on the wider social context around a subject.
- We want to continue until we have some ideas worth testing.



Experiment

- We want to try out our ideas, write code and build proofs of concept.
- We need to operate under the assumption that anything we create may be thrown away when we're done.
- Our goal is not to build something. Our goal is to figure out what we need to build.



Assessment

- We want to document what we've discovered.
- We want to share our ideas and discuss them with our team.
- We want consider our next steps and adjust our plan for the project overall as appropriate.





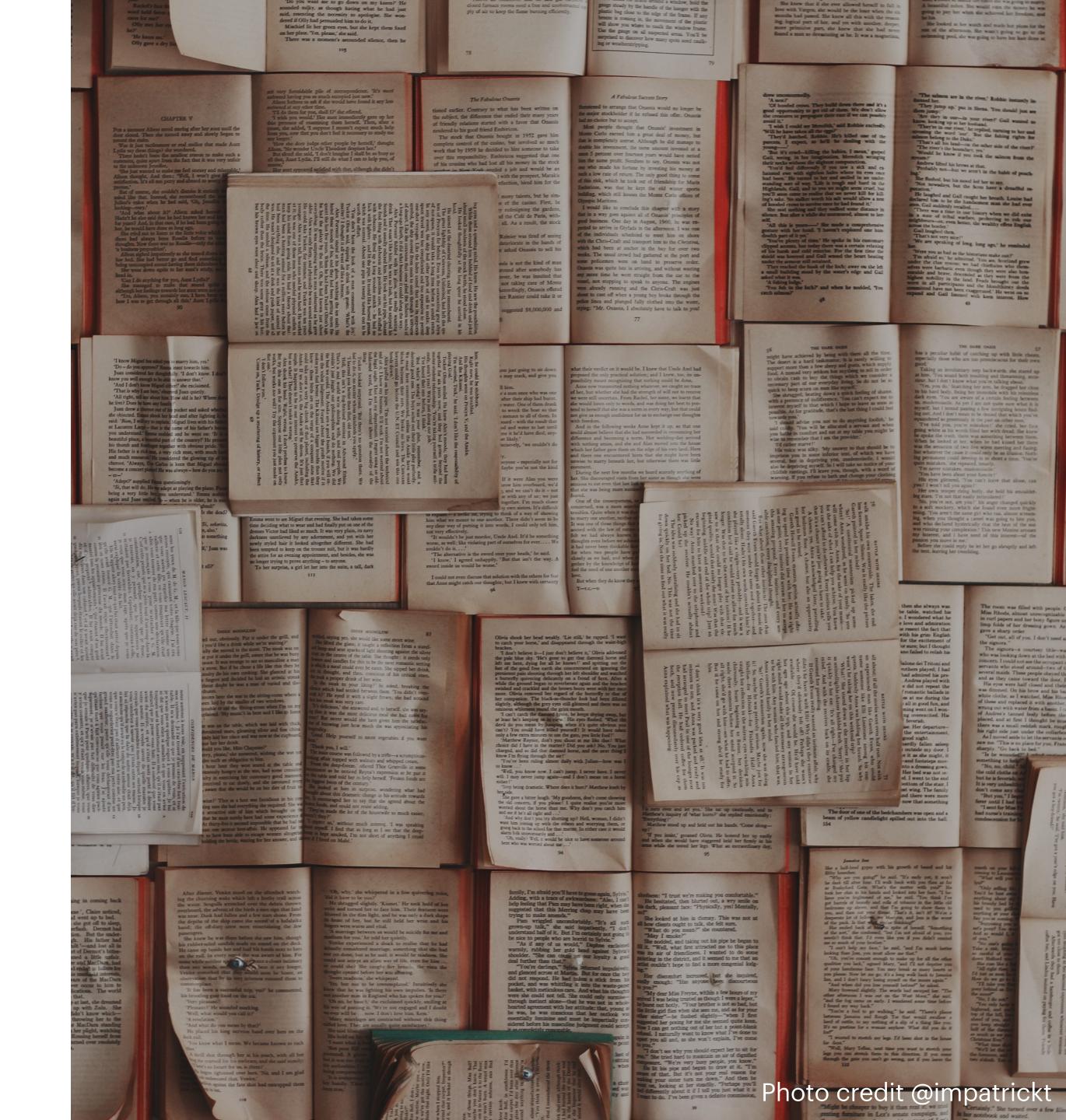
Story Writing

- Good stories have a beneficiary, like an end-user or contributing developers.
- Good stories have deliverables, like a new feature, a report or a document.
- Good stories are estimate-able and can be done in a finite amount of time.



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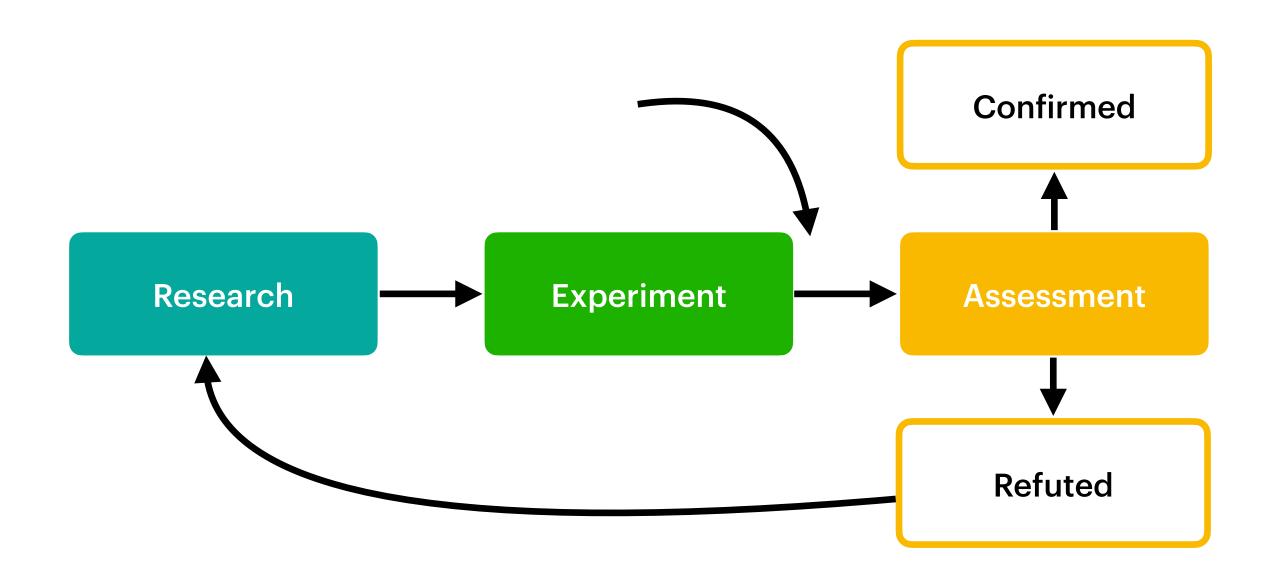


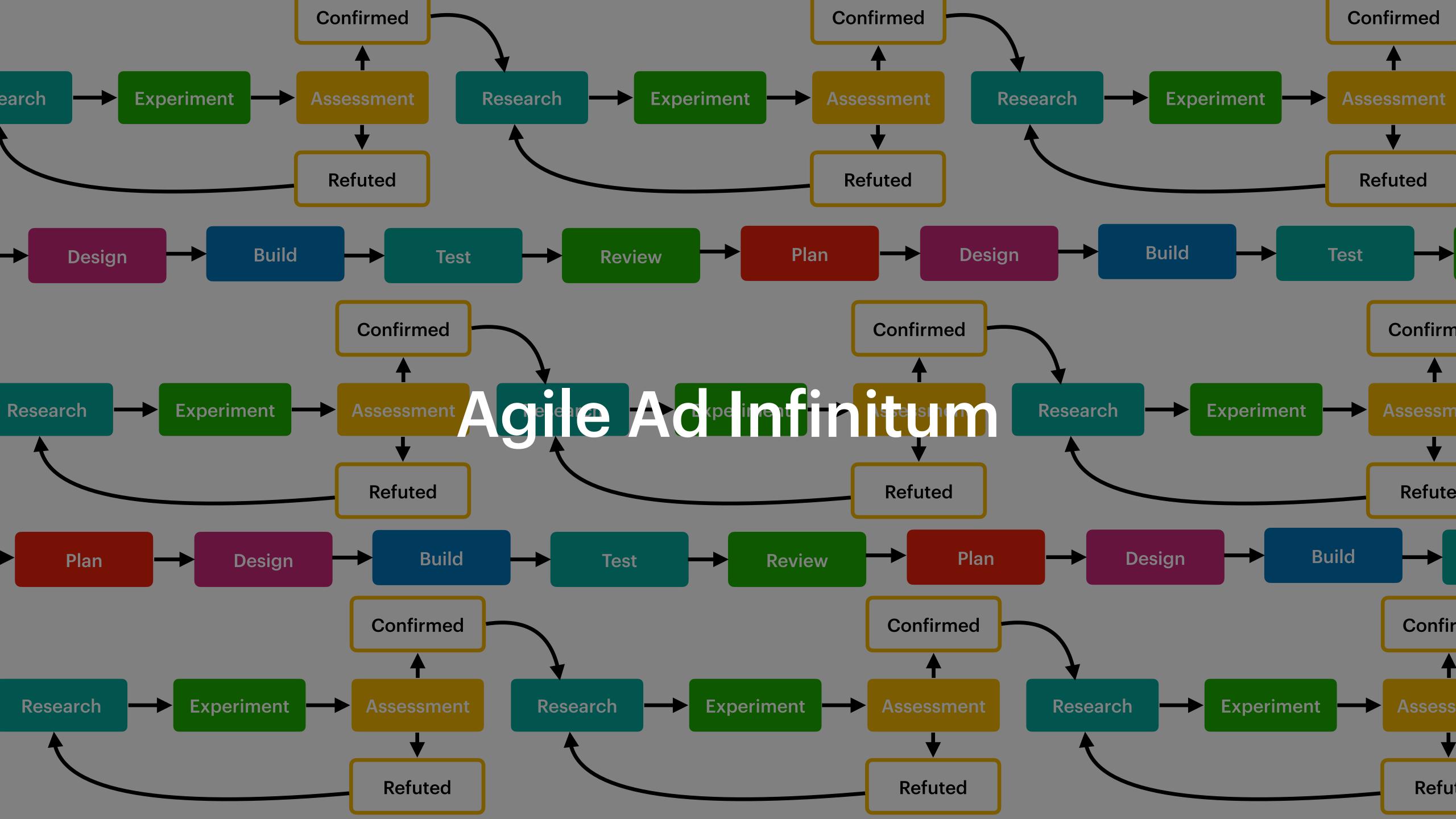
Patterns

- All of these steps can be represented as agile stories
- All of these steps are about unblocking the next stage of development when we don't know what to do next
- All of these stages can be subdivided



The "Scientific" Method





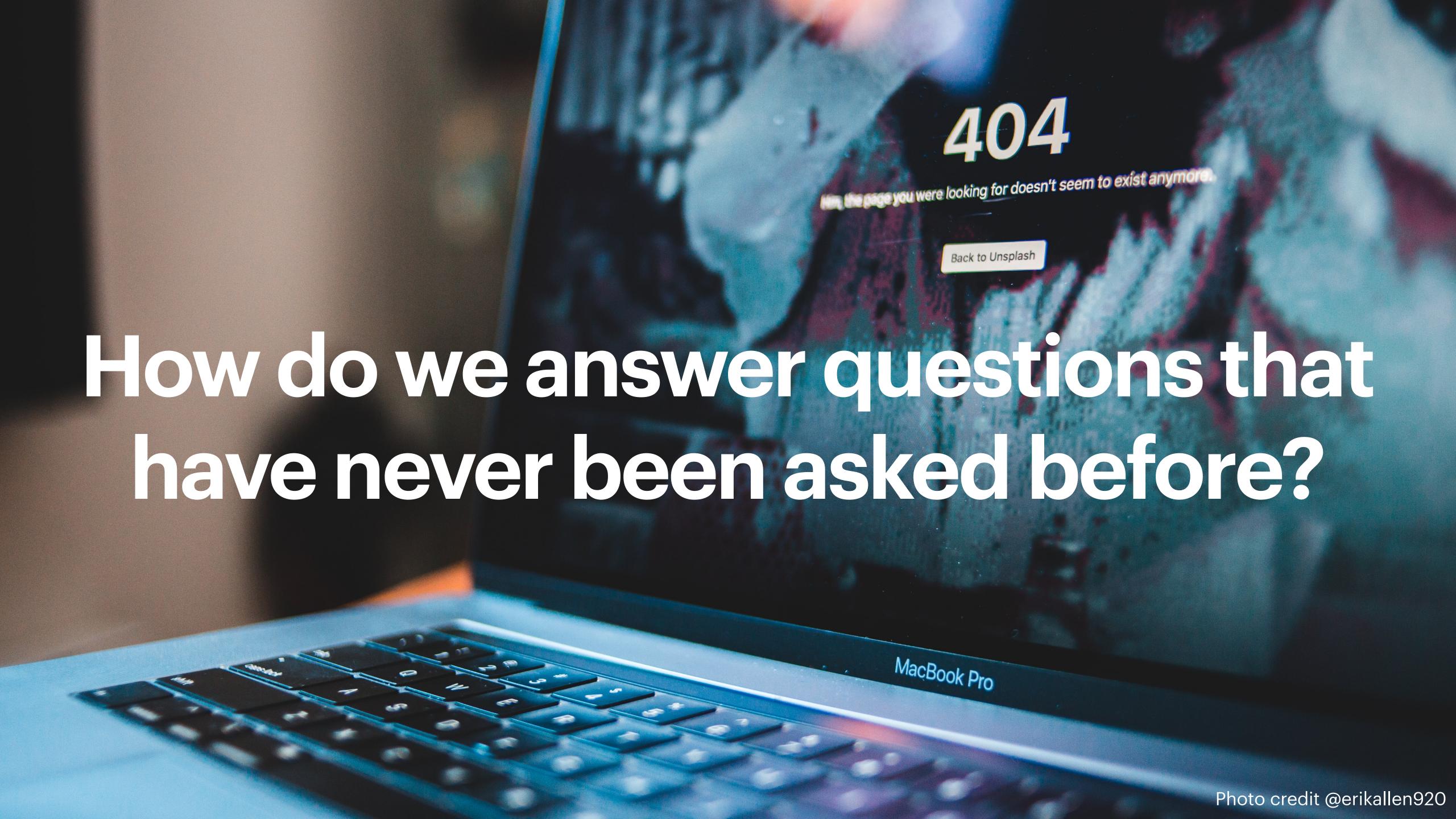




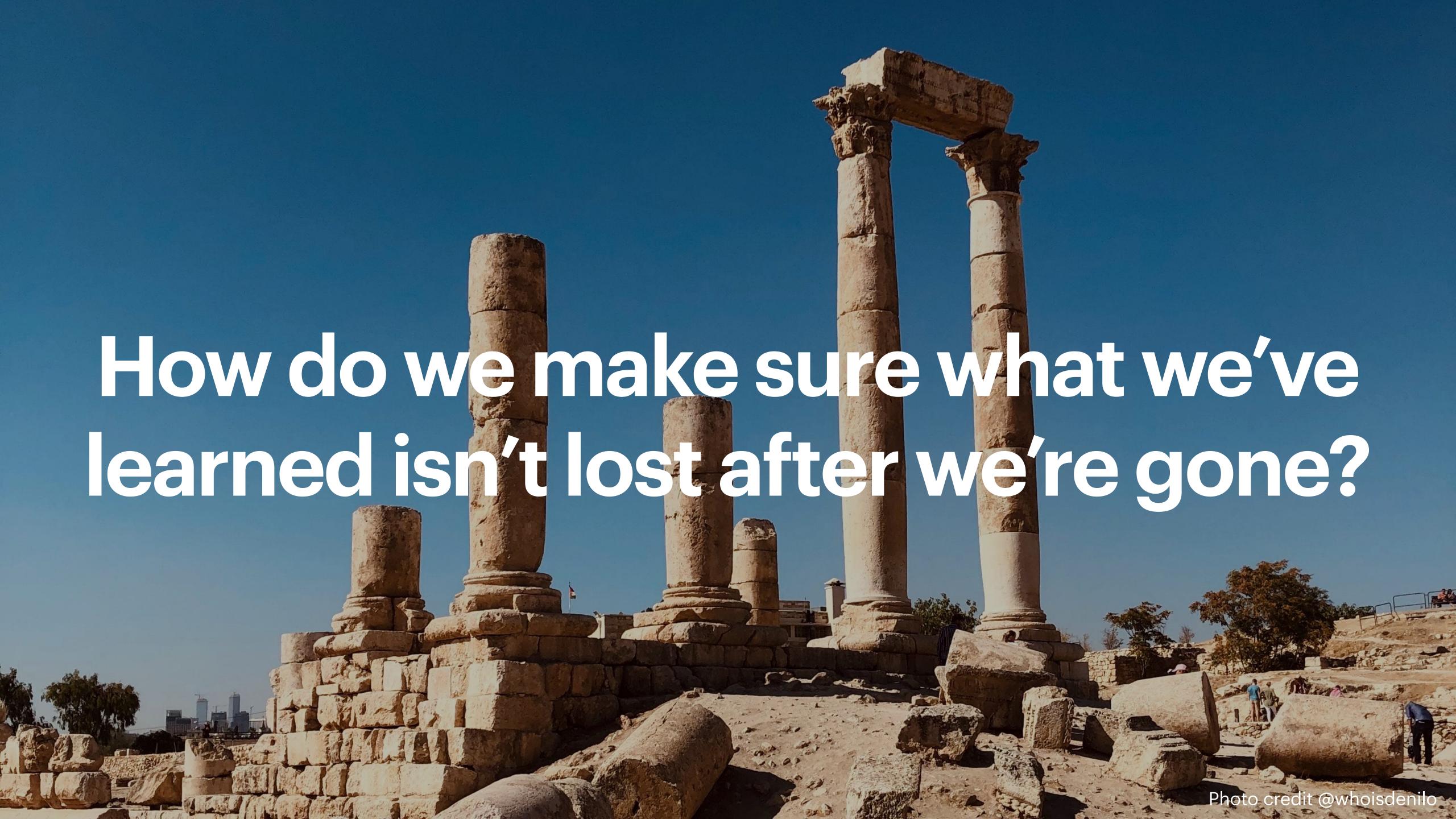












Thanks!

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