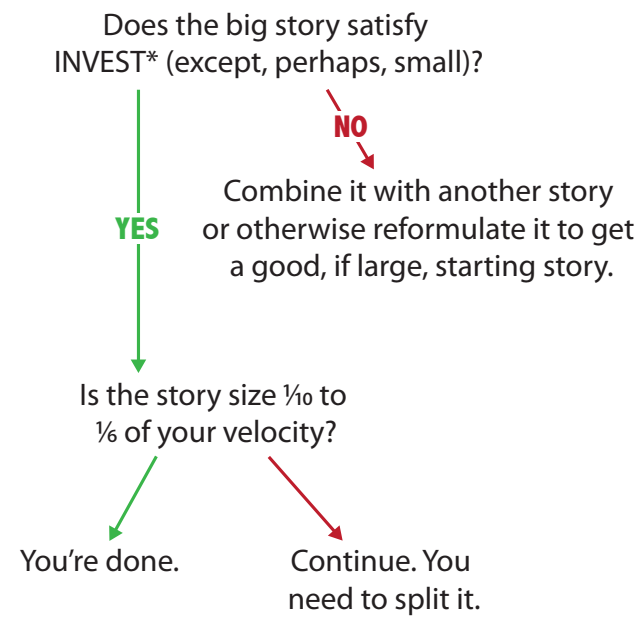


FINDING THE FIRST SLICE

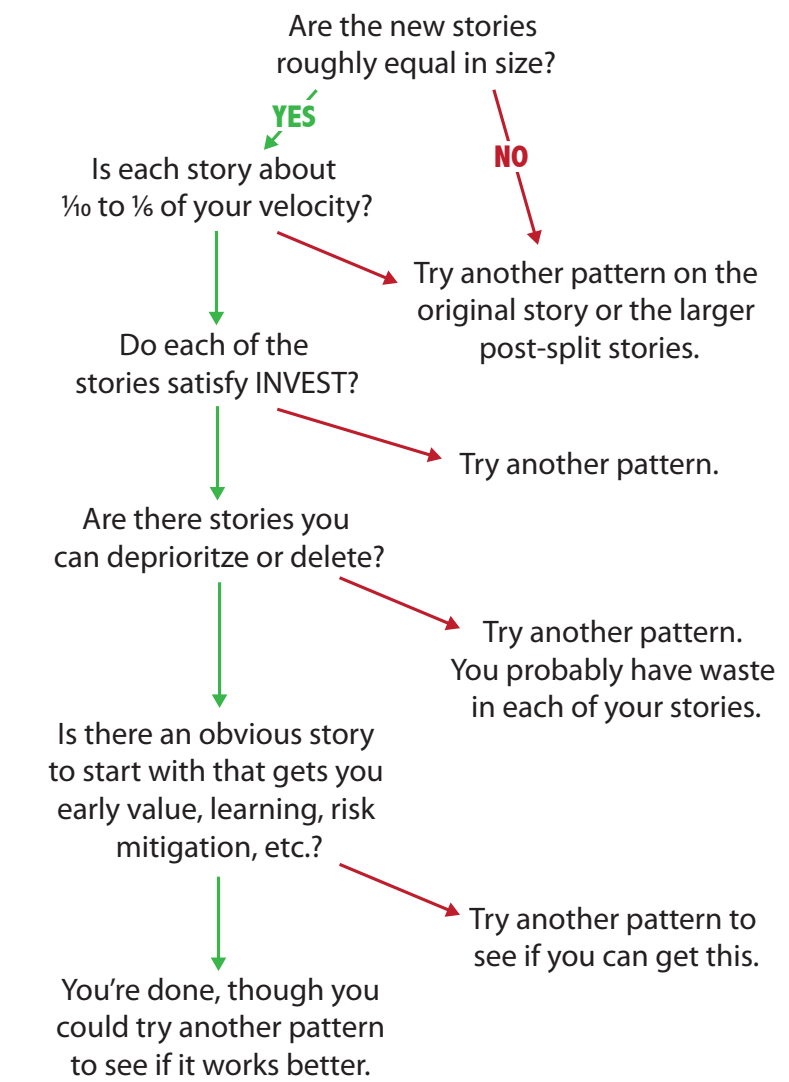
How to get early value, learning, and risk-mitigation on every project

HOW TO SPLIT A USER STORY

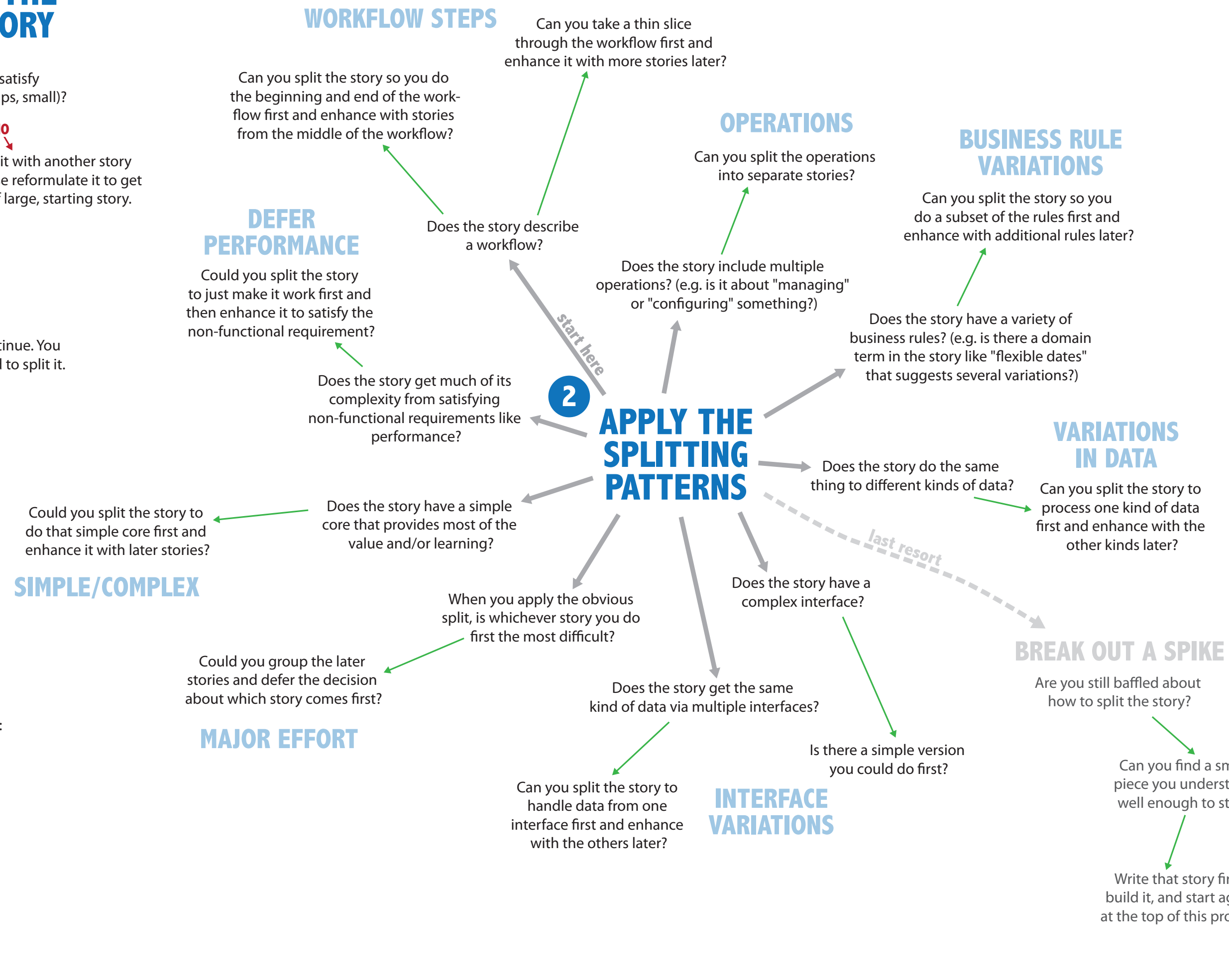
1 PREPARE THE INPUT STORY



3 EVALUATE THE SPLIT



2 APPLY THE SPLITTING PATTERNS



* INVEST - Stories should be:
Independent
Negotiable
Valuable
Estimable
Small
Testable



Visit <http://www.richardlawrence.info/splitting-user-stories/> for more info on the story splitting patterns
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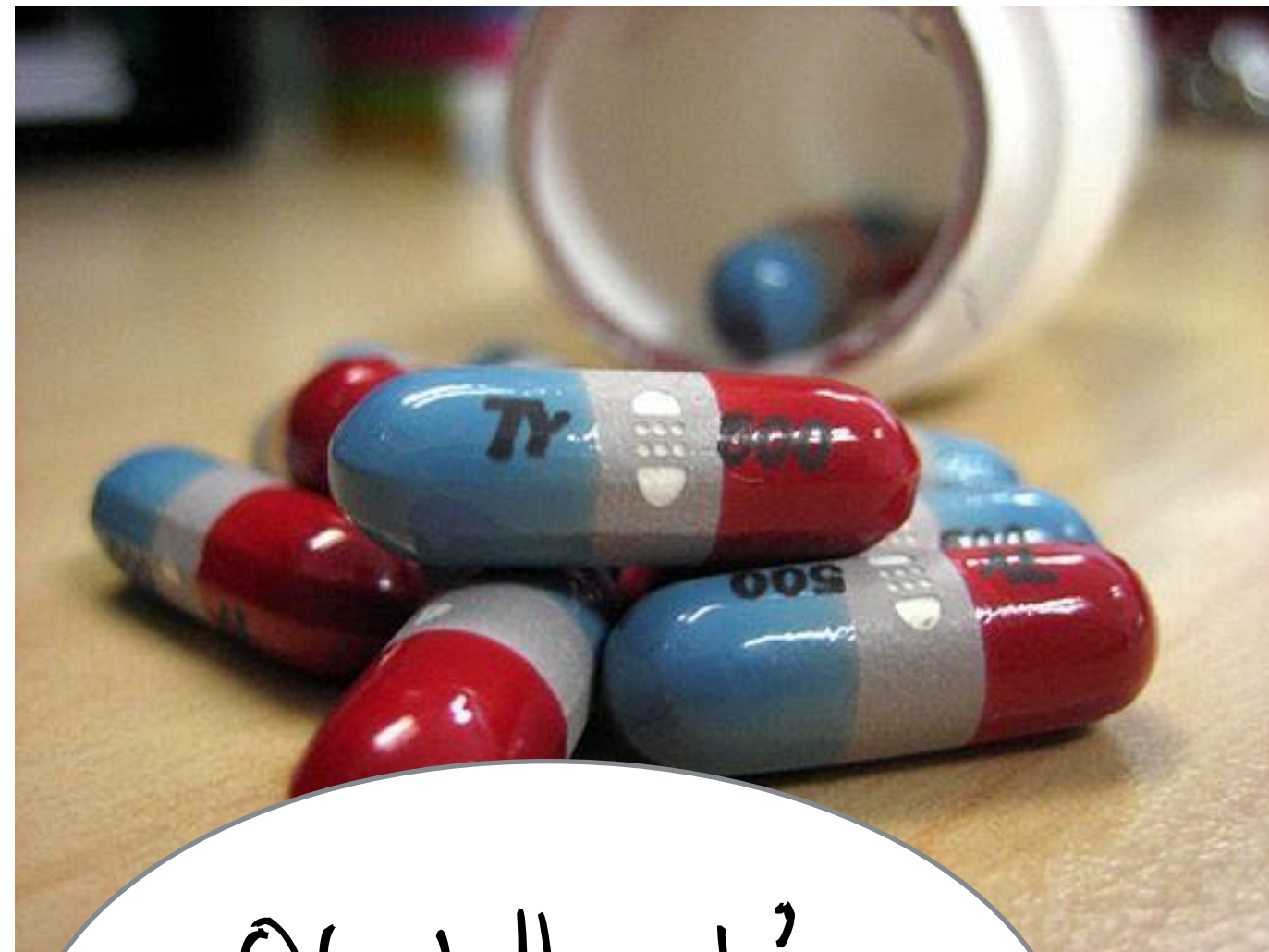
Last updated 6/16/2012

AS WE GET STARTED...

Think of a big work or
personal project of your
own & write it down.

THE OUTPUT OF FEATURE MINING

It's designed to get you the first one or two...



Ok. What's
an MMF?

MINIMUM MARKETABLE FEATURES

...for a big idea.

MMF =
The smallest change
in system behavior
sufficient to cause
a desired business
impact

FEATURE MINING STEP-BY-STEP

FEATURE MINING STEP-BY-STEP

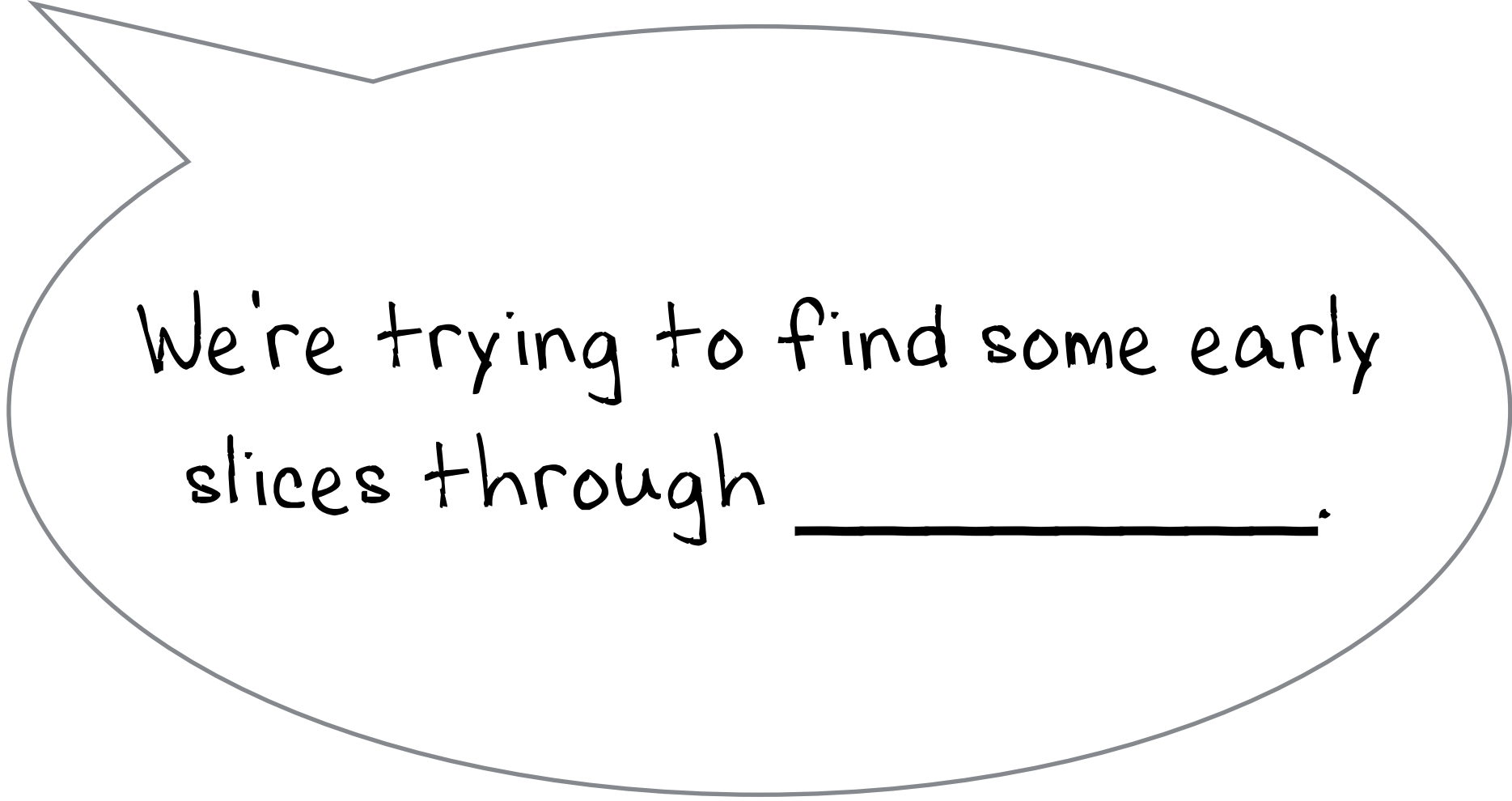
Step 1: Get the right people in the room

BUSINESS
PERSPECTIVE + **TECHNICAL**
PERSPECTIVE

FEATURE MINING STEP-BY-STEP

Step 1: Get the right people in the room

Step 2: Name the thing you're slicing



We're trying to find some early slices through _____.

FEATURE MINING STEP-BY-STEP

Step 1: Get the right people in the room

Step 2: Name the thing you're slicing

Step 3: Brainstorm the lists

1

2

3

4

VALUE

Where's the value?

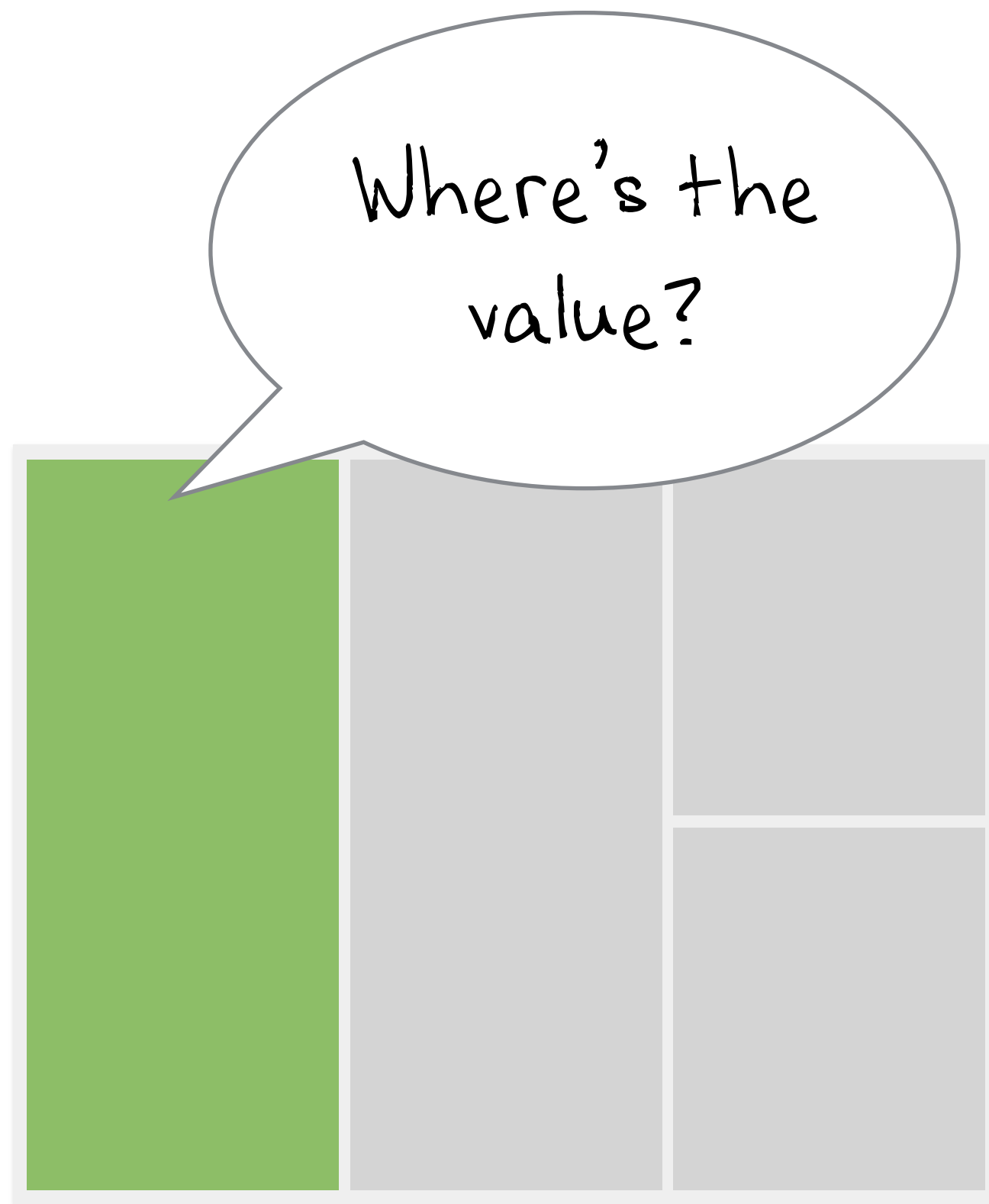
What makes this worth doing?

What will we get out of it?

What will our customers get out of it?

How will it make us money?

EXAMPLE: WEEKLY SALES REPORTING



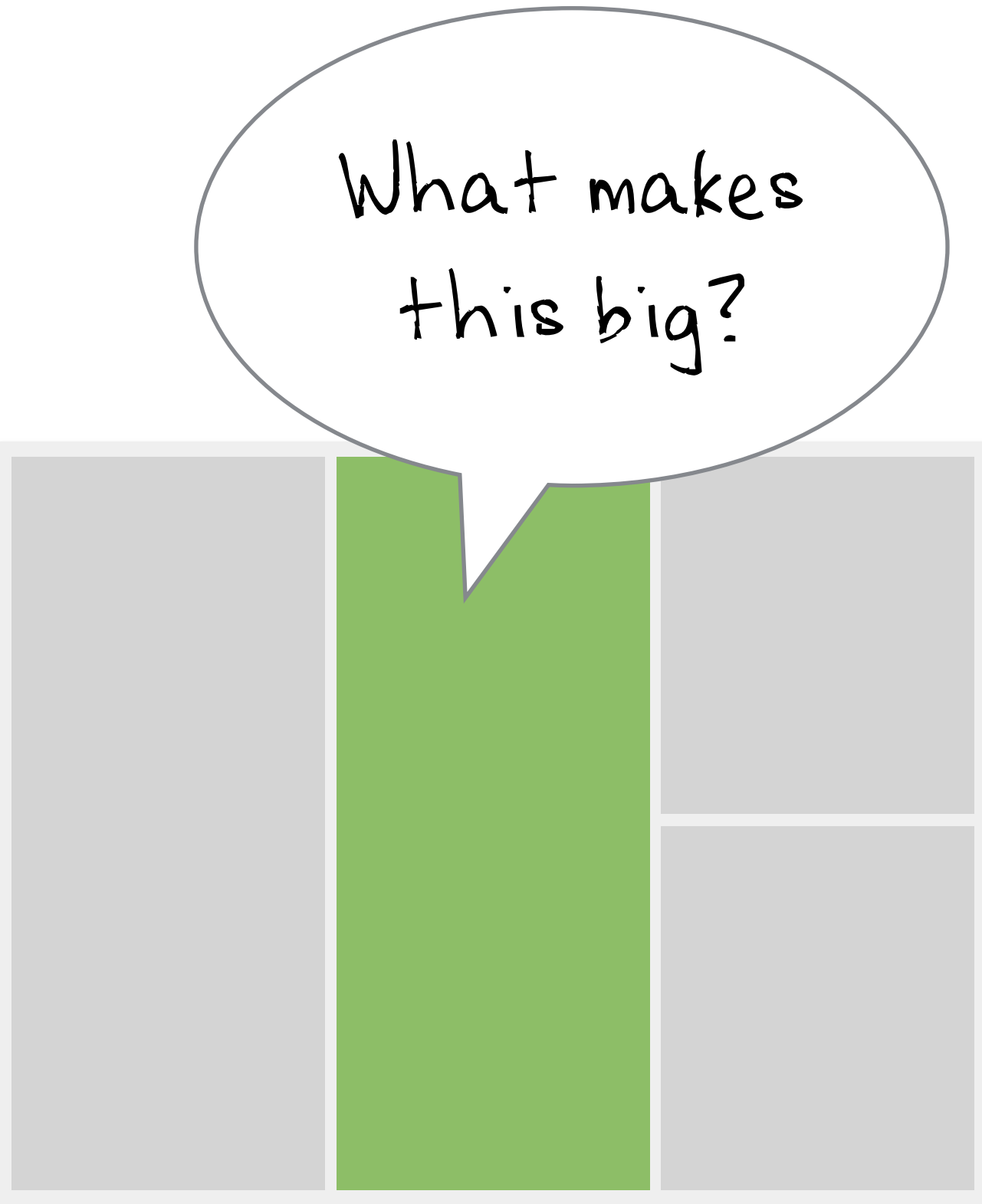
- Stores can respond to changes faster than the current monthly reporting allows
- Management can help low-performing stores before problems get too bad
- IT won't get requests for ad hoc, mid-month sales reports as often

What makes
this big?

SIZE

Why isn't this just
something we'd knock out in
an afternoon?

EXAMPLE: WEEKLY SALES REPORTING



What makes
this big?

- 1000s of stores
- Dozens of regions
- Different regions report sales differently
- Notifications
- Performance—running reports much more often than before



EXAMPLE: WEEKLY SALES REPORTING



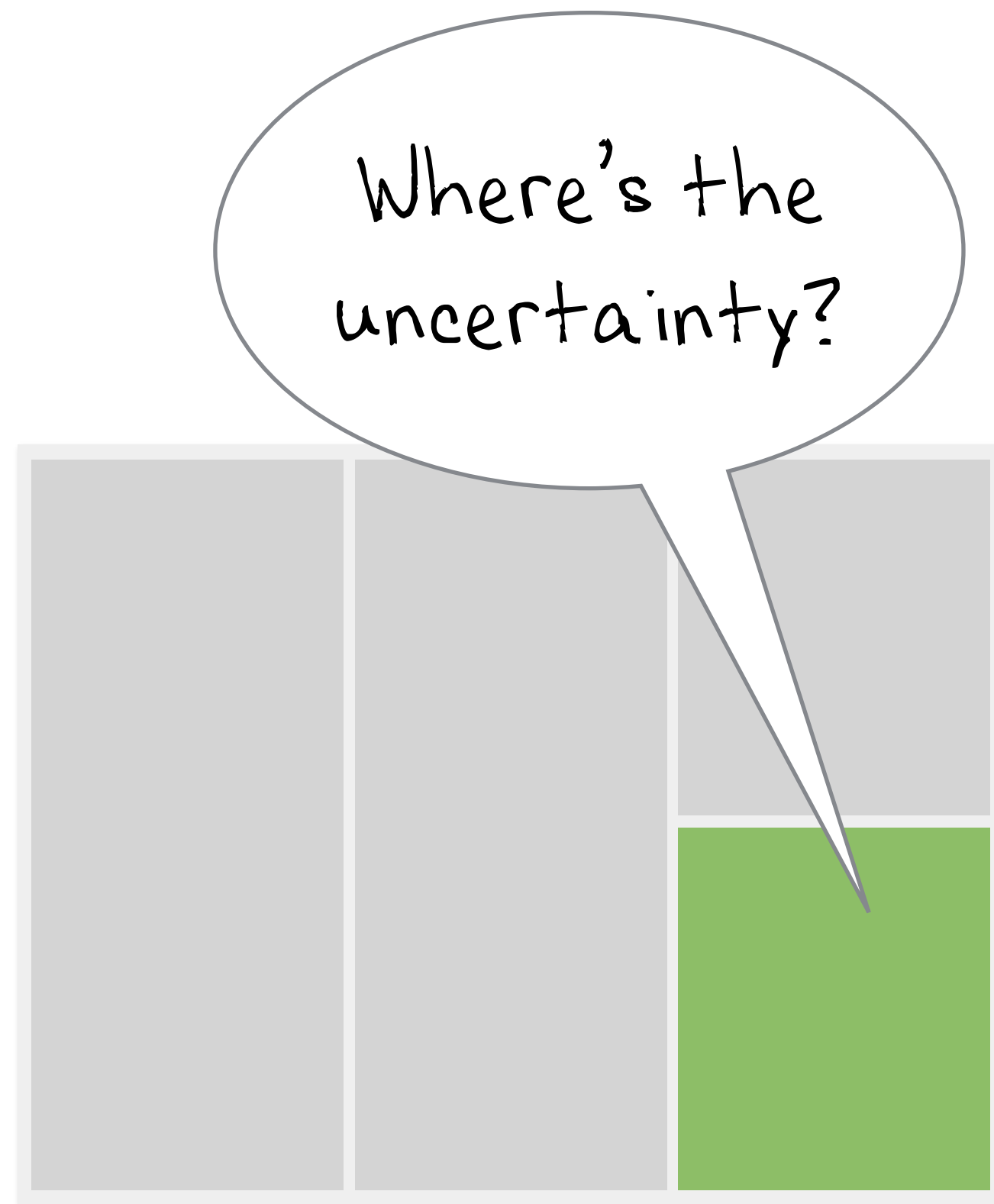
- Stores don't get the info they need in the reports so they don't use them
- We can't get performance to an acceptable level for weekly runs
- We can't handle the differences between the regions in an automated way

Where's the uncertainty?

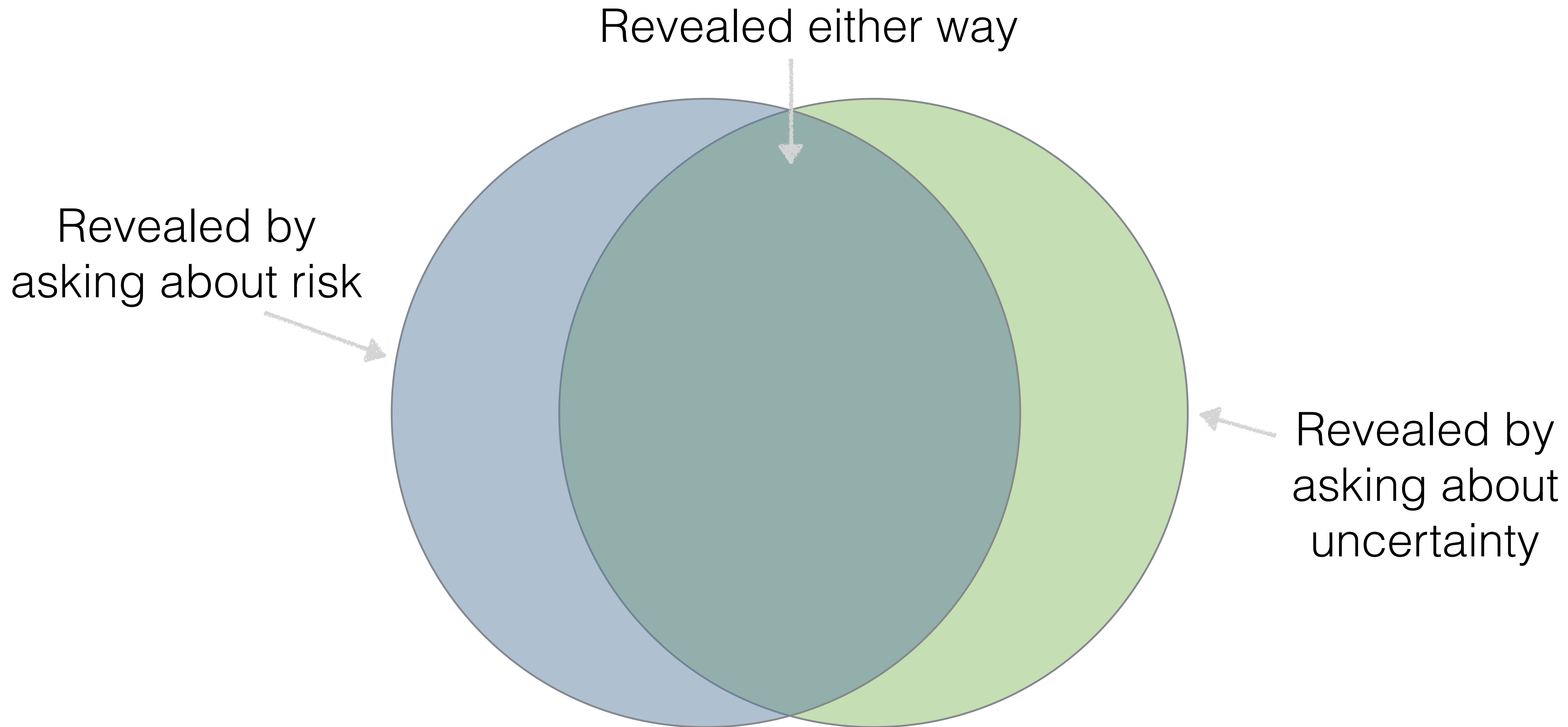
UNCERTAINTY

What questions do we need to answer in order to be successful?

EXAMPLE: WEEKLY SALES REPORTING



- What sorts of things would happen to sales that stores would want to respond to on a weekly basis?
- Where's the performance bottleneck in the current monthly reports?



VALUE

SIZE

RISK

UNCERTAINTY

FEATURE MINING STEP-BY-STEP

Step 1: Get the right people in the room

Step 2: Name the thing you're slicing

Step 3: Brainstorm the lists

Step 4: Filter the lists

VALUE

What's the value that makes all the others relatively unimportant?

SIZE

What contributes disproportionately to the size of the effort?

RISK

Which risk is scariest or most likely to derail the project?

UNCERTAINTY

Which uncertainty seems most critical to resolve?

FEATURE MINING STEP-BY-STEP

Step 1: Get the right people in the room

Step 2: Name the thing you're slicing

Step 3: Brainstorm the lists

Step 4: Filter the lists

Step 5: Brainstorm ways to slice

EXAMPLE: WEEKLY SALES REPORTING

What are some possible slices that get us value, risk-mitigation, and/or learning without all the size?

What if we just...

- Focus on one region
- Focus on one store
- Create weekly reports manually for a few weeks and see how stores use them
- etc.

FEATURE MINING STEP-BY-STEP

Step 1: Get the right people in the room

Step 2: Name the thing you're slicing

Step 3: Brainstorm the lists

Step 4: Filter the lists

Step 5: Brainstorm ways to slice

Step 6: Name the feature(s) and get started

YOUR TURN

Practice Feature Mining
with a work or personal
project of your own

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