Drawing Data: Episode 2

In this presentation, you'll find the voice-over script and the drawings used in Sievax's second episode of *Drawing Data*.

You can watch the episode again by clicking the button below

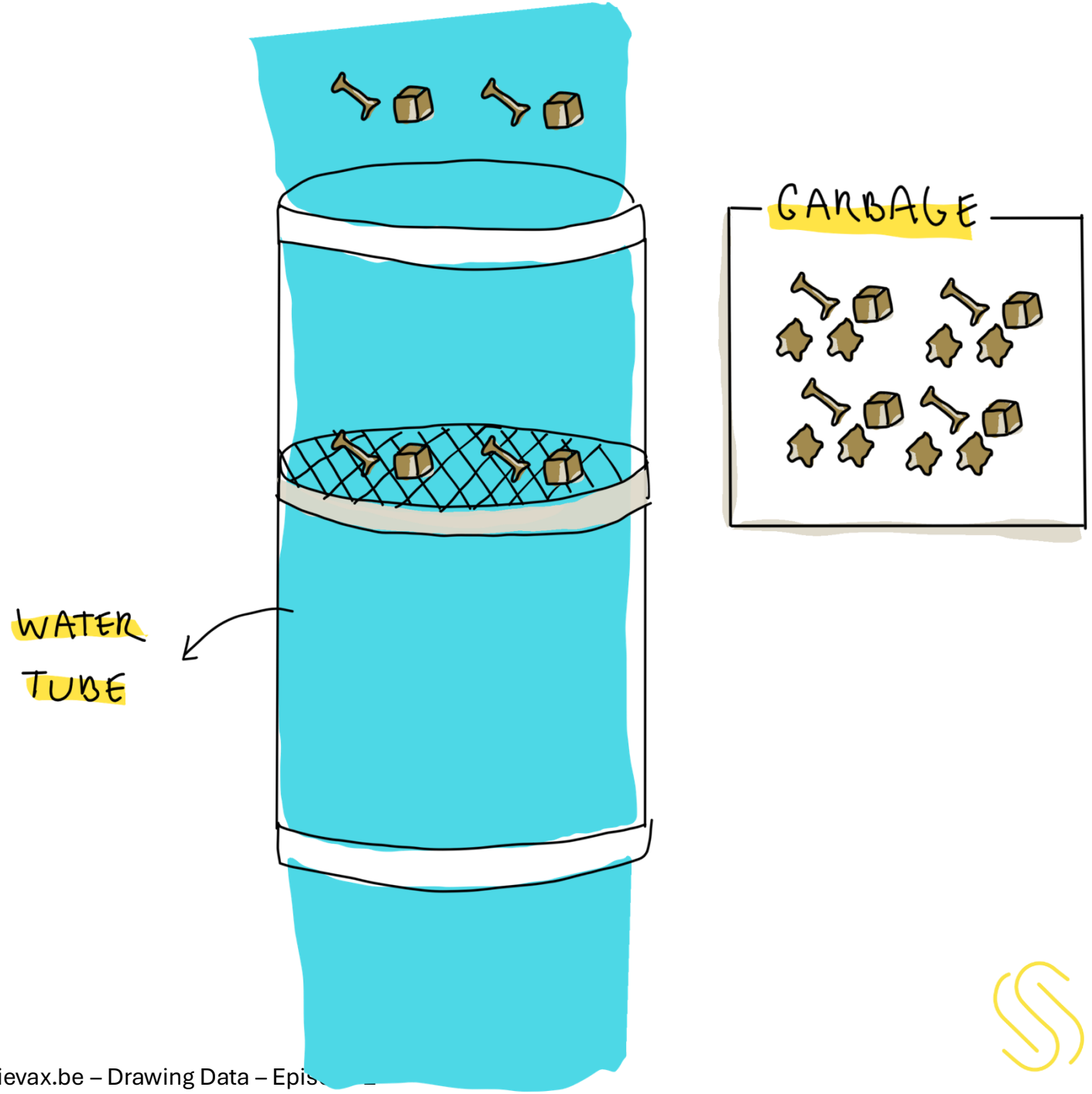
Rewatch Episode 2

Data & Water Tubes

Let’s compare data to water. Imagine water flowing through a tube. Just like water, data moves from one point to another. We can represent this with the color blue—water enters the tube, travels through it, and finally exits. Essentially, you have an **input** and an **output.**

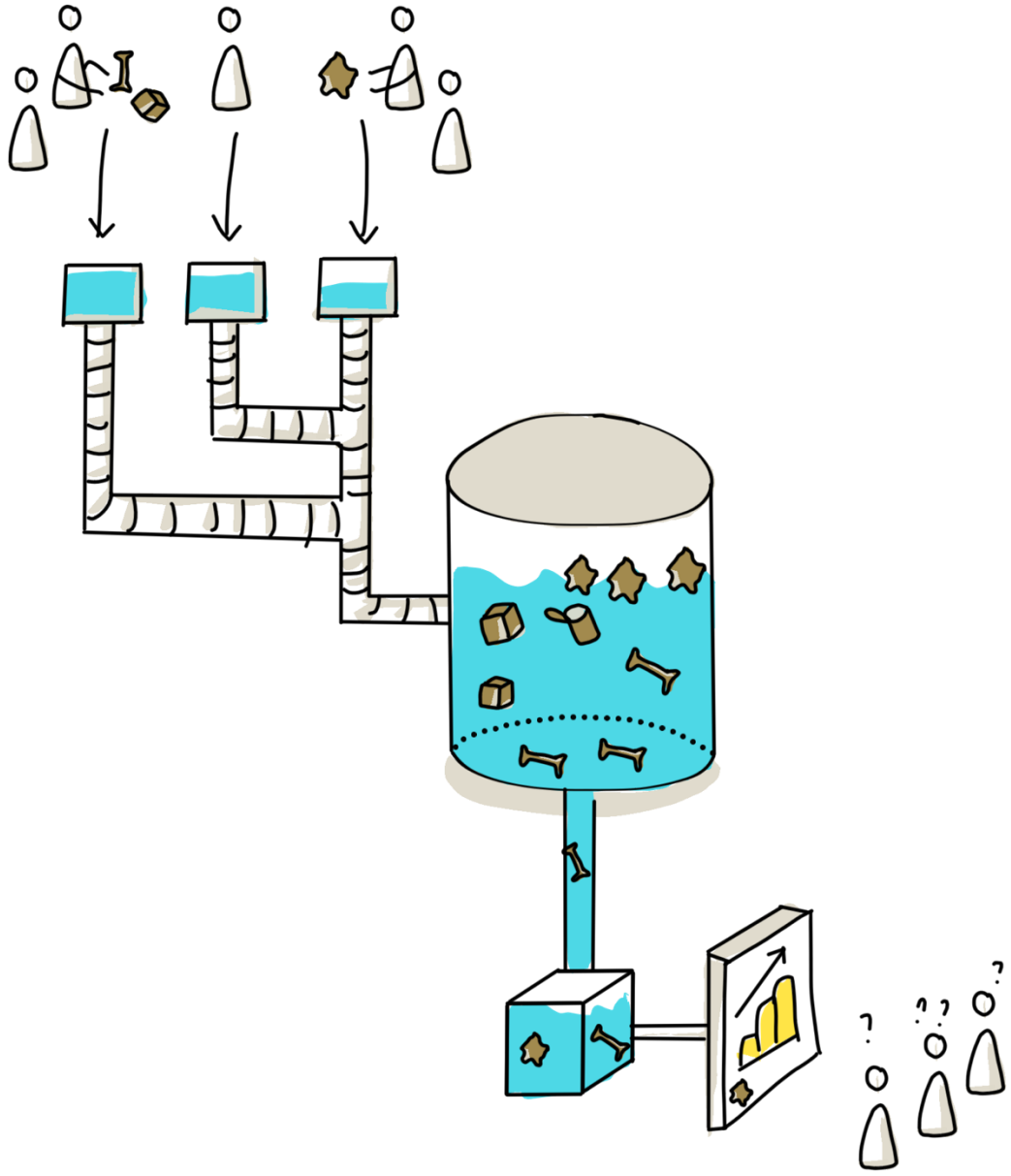
However, there's a challenge—garbage can enter the tube at the source and travel all the way through, eventually coming out the other end. In other words, **bad data in means bad data out.**

To address this issue, we need a **sift.** A sift is placed inside the tube and acts as a filter, much like a mesh that blocks unwanted debris from passing through.



The Real Data System

As you can see here, data is created by people, but errors—also known as "garbage"—can find their way in. This data flows through systems and pipelines to a **data platform,** where both useful information and garbage accumulate. Eventually, this data reaches end users—along with the garbage.



The Real Data System

So, **where should we place a filter?**

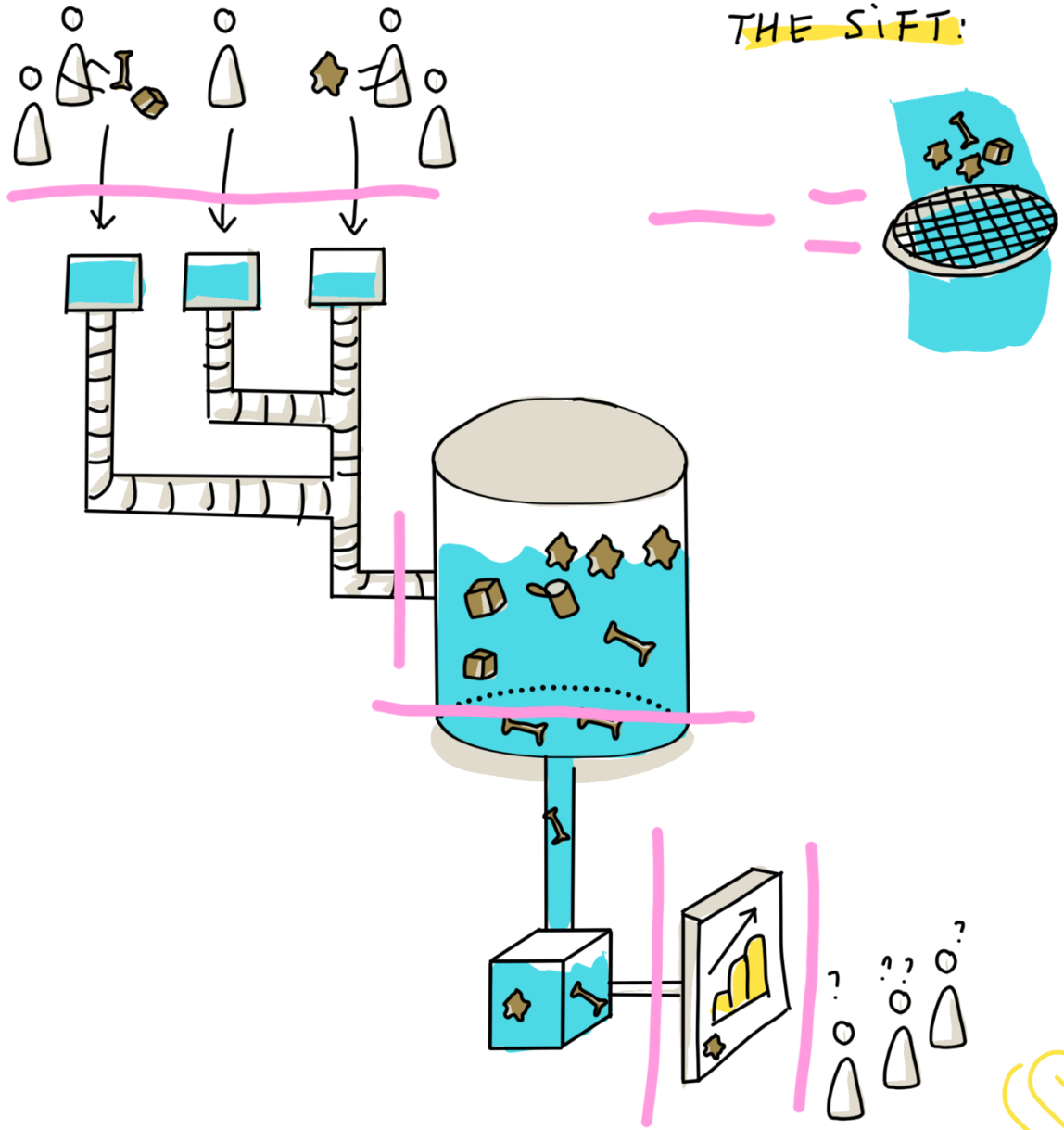
There are four key options:

1. **At the source, during data creation.** This is the most effective but also the most challenging solution.

2. **Inside the data platform.** Here, bad data can be filtered out before it spreads further.

3. **Before the data reaches end users.** This ensures that data is cleaned just before it's used in reports or analysis.

4. **At the reporting stage.** In this approach, filtering out the errors shifts to the end users



More Information

Do you have feedback or questions?

Need assistance with Data Strategy or Data Quality Management?

Please don't hesitate to reach out to Jan Meskens for support!

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