



HOW TO INCREASE LEARNING IMPACT THROUGH LEARNING ANALYTICS

GOALS

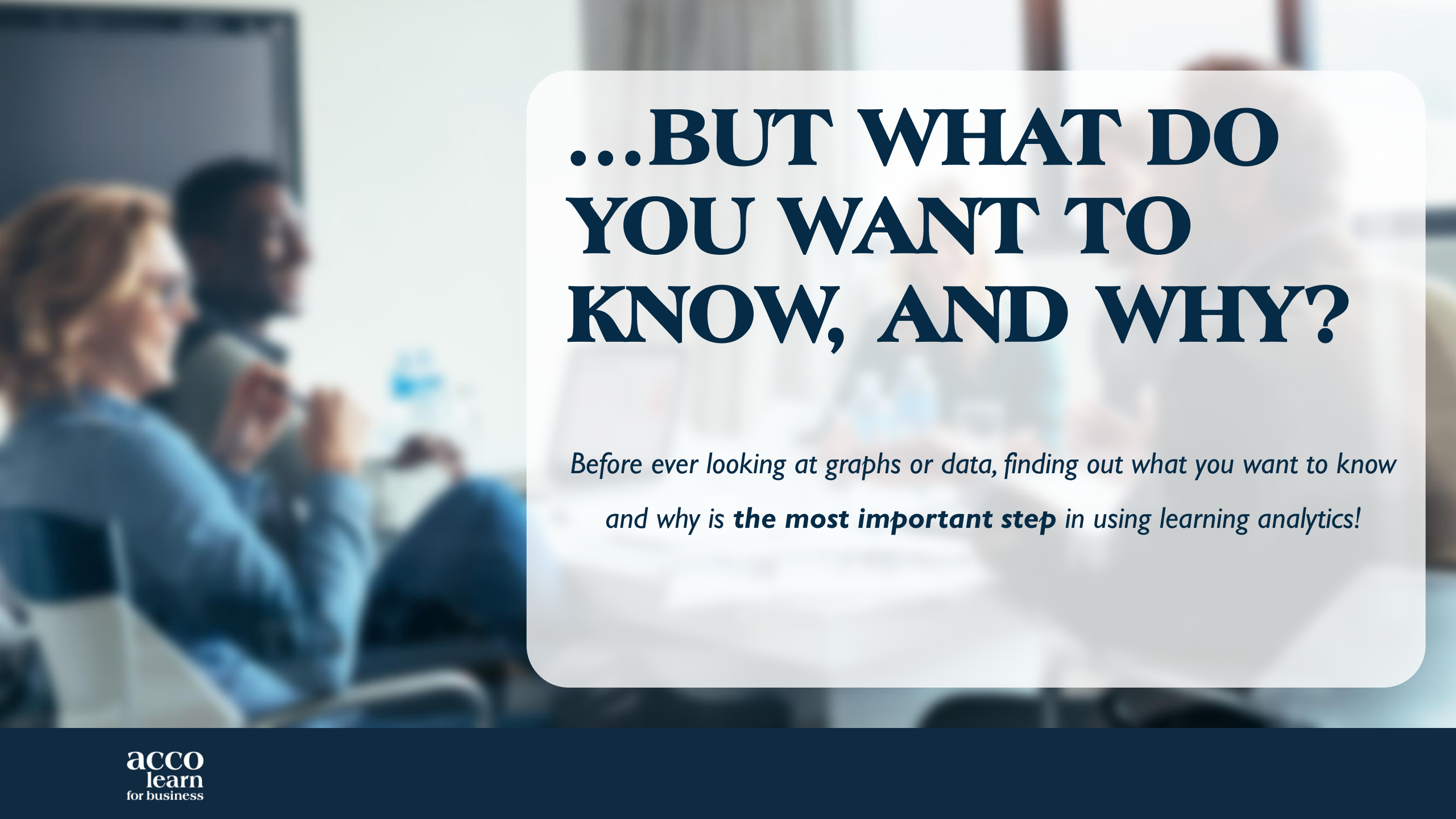
1. We want you to have a good idea on how to use learning analytics in **any** learning environment.
2. We want you to be inspired after you leave this session!
3. We want you to know what learning analytics are and how to create, find and interpret them.

WHAT'S ON THE MENU

1. To measure is to know. But **what** do you want to know and **why**?
2. The definition of learning analytics.
3. **Where** are these learning analytics? How can I **find** them **or** “**create**” them?
4. **What do you do** with this newfound information, how can you **interpret** it? Are there pitfalls?
5. **Quick** demo and some examples!
6. Questions?

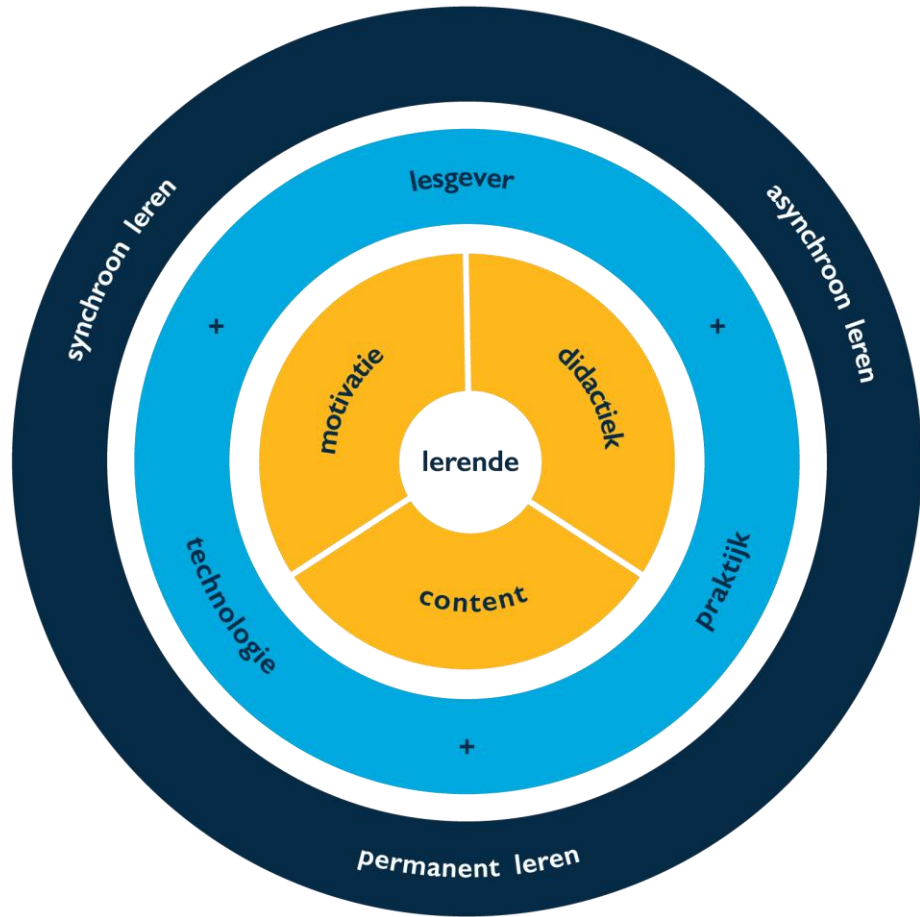
TO MEASURE IS TO KNOW...



A blurred background image showing a group of people in a meeting or classroom setting. A woman with blonde hair is in the foreground, looking towards the right. Behind her, a man is also looking in the same direction. The background is out of focus, emphasizing the text overlay.

...BUT WHAT DO YOU WANT TO KNOW, AND WHY?

*Before ever looking at graphs or data, finding out what you want to know
and why is **the most important step** in using learning analytics!*



IT ALL STARTS WITH WHAT (AND WHY)

A LITTLE HELP...

You can use ACCO's 3-layer model of successful learning to determine the what and why!

EXAMPLES

LEARNING ANALYTICS IN ACCORDANCE TO DIDACTICS:

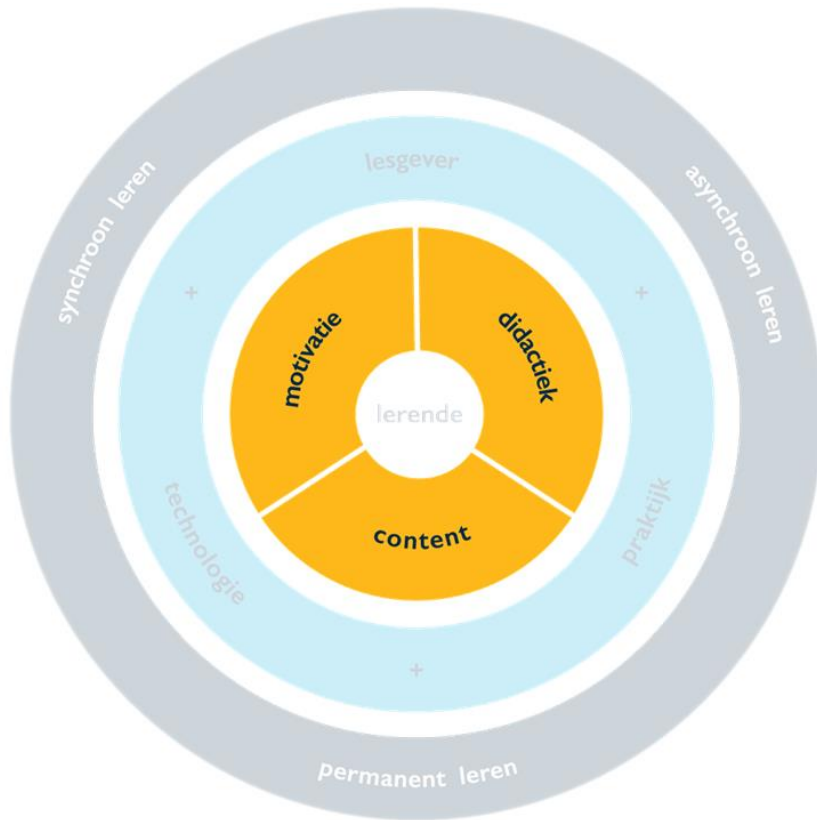
I want to find out where learner's shortcomings are so I can remediate them (scaffolding)

LEARNING ANALYTICS IN ACCORDANCE TO CONTENT

I want to find out if my content is engaging (enough) to decide whether or not I have to upgrade it.

LEARNING ANALYTICS IN ACCORDANCE TO MOTIVATION

I want to find out what learners enjoy to motivate our learners to learn as much as possible.



EXAMPLES

SUPPORT YOUR TRAINERS WITH LEARNING ANALYTICS

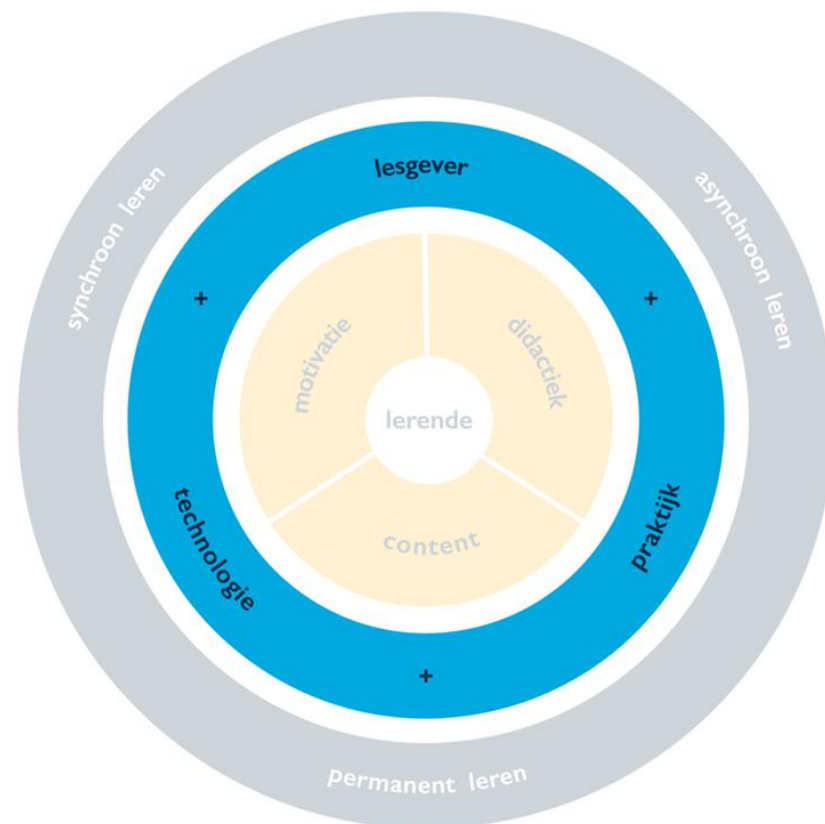
I want to help trainers evolve to a flipped classroom model by giving them insights in asynchronous learning results.

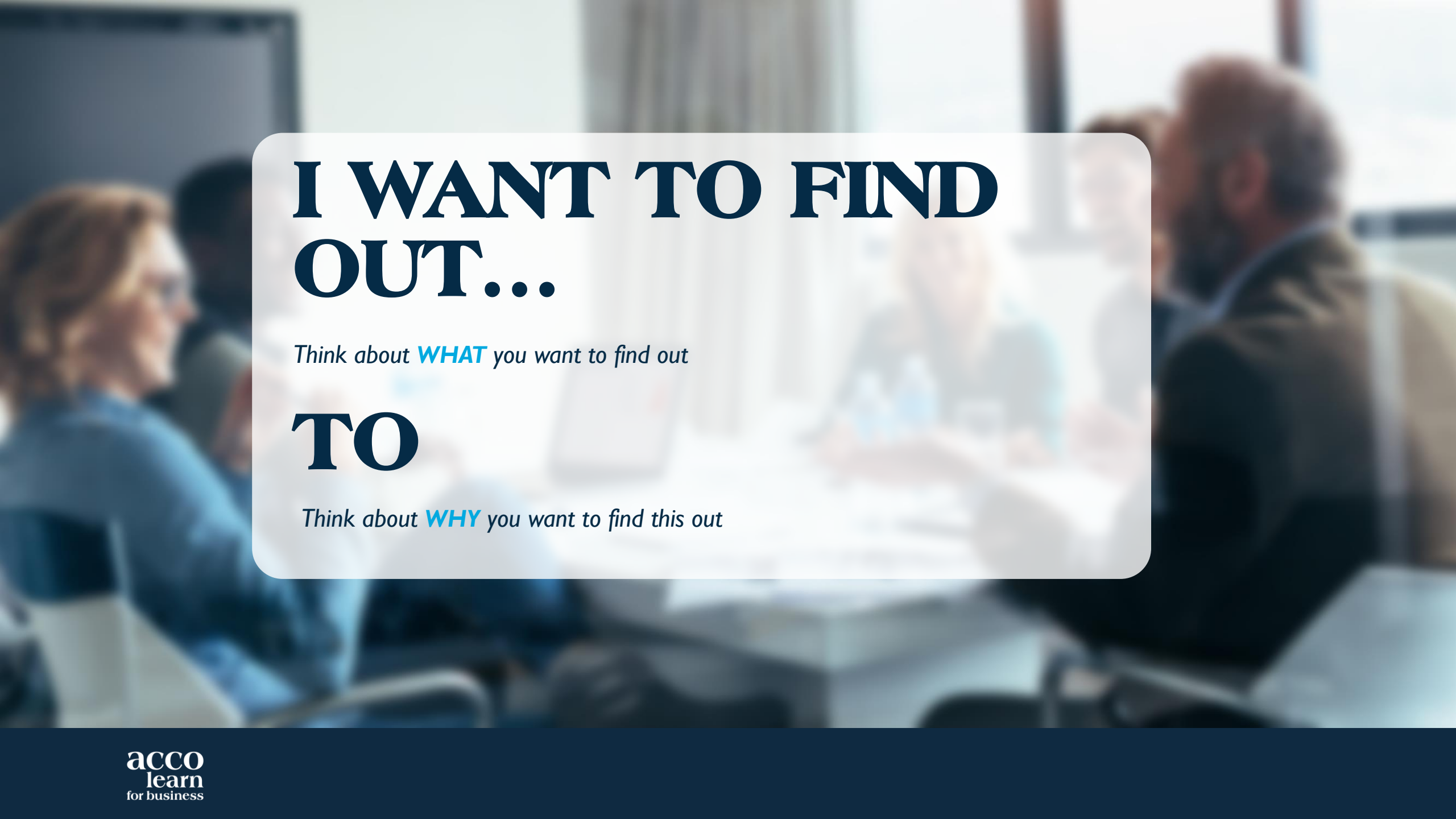
ENHANCE YOUR TECHNOLOGY

I want to find out if my learners experience technological issues and find ways to overcome these issues.

FACILITATE PRACTICE WITH LEARNING ANALYTICS

Use heat-maps in VR to measure interaction and actions to find out where mistakes are being made.



A blurred background image showing several people in a meeting or office setting, engaged in discussion around a table.

I WANT TO FIND OUT...

Think about **WHAT** you want to find out

TO

Think about **WHY** you want to find this out



NOW

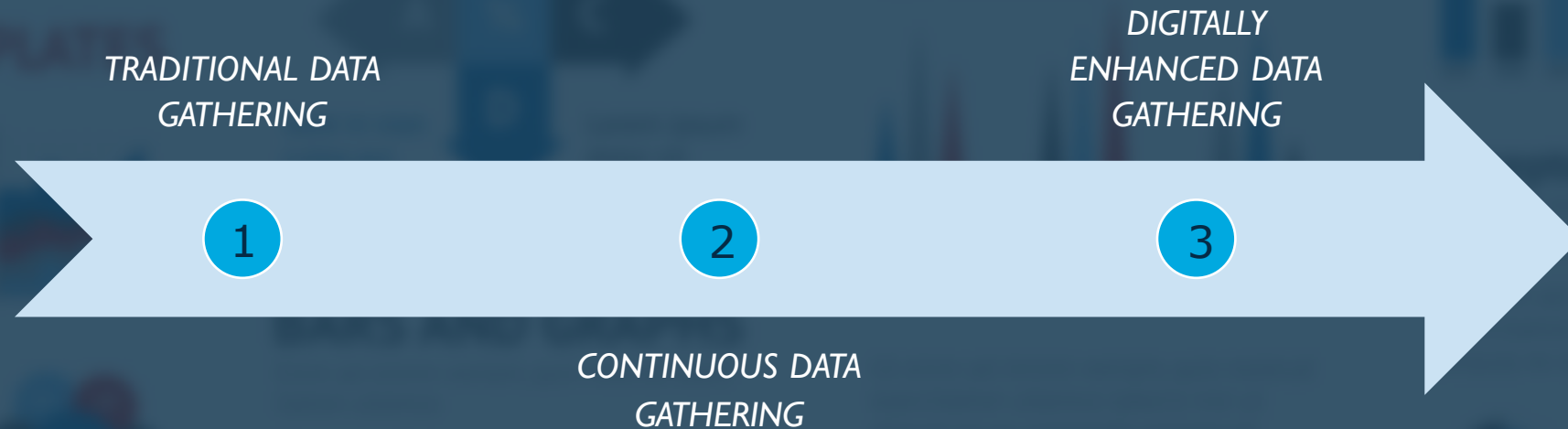
**WE CAN THINK
ABOUT HOW
WE'LL FIND OUT**

acco

LET'S USE LEARNING ANALYTICS!

LEARNING ANALYTICS is the measurement, collection, analysis and reporting of DATA about LEARNERS and their CONTEXTS, for purposes of UNDERSTANDING AND OPTIMIZING learning and the environments in which it occurs.

ENDLESS POSSIBILITIES

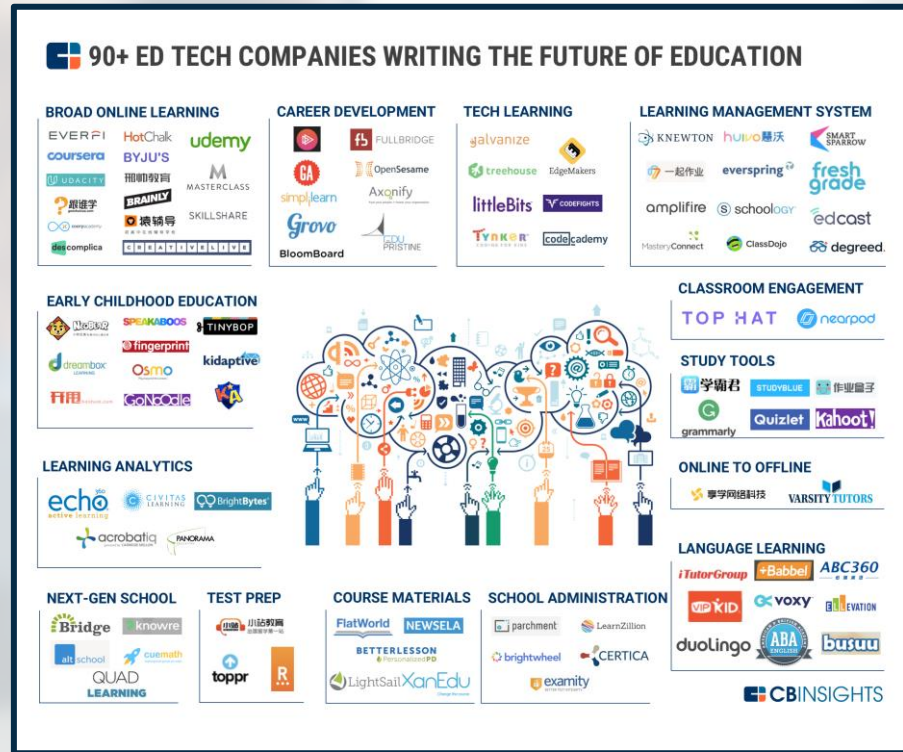




WHERE ARE THESE LEARNING ANALYTICS?

acco

USE EDTECH



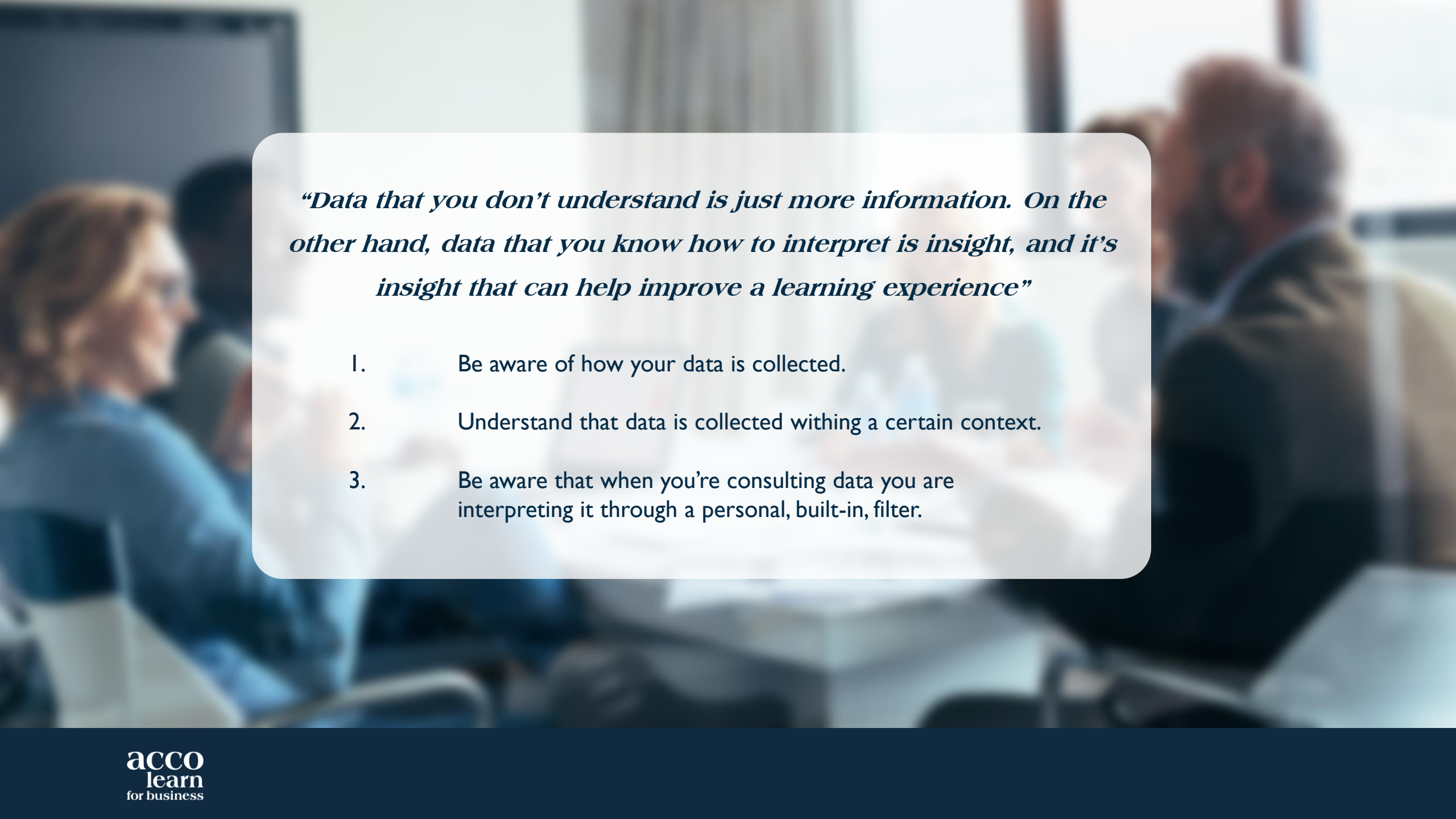
OR DIY





FINALLY, INTERPRET THESE LEARNING ANALYTICS

acco

A blurred background image showing several people in a meeting or classroom setting, seated at tables and looking towards the front. The image is out of focus, emphasizing the text overlay.

“Data that you don’t understand is just more information. On the other hand, data that you know how to interpret is insight, and it’s insight that can help improve a learning experience”

1. Be aware of how your data is collected.
2. Understand that data is collected withing a certain context.
3. Be aware that when you’re consulting data you are interpreting it through a personal, built-in, filter.



**LET US
SHOW YOU**

acco

LET'S CONNECT



Niels Strybos

Learning consultant

Digital learning experience designer

niels.strybos@acco.be

+32 498 39 81 92