

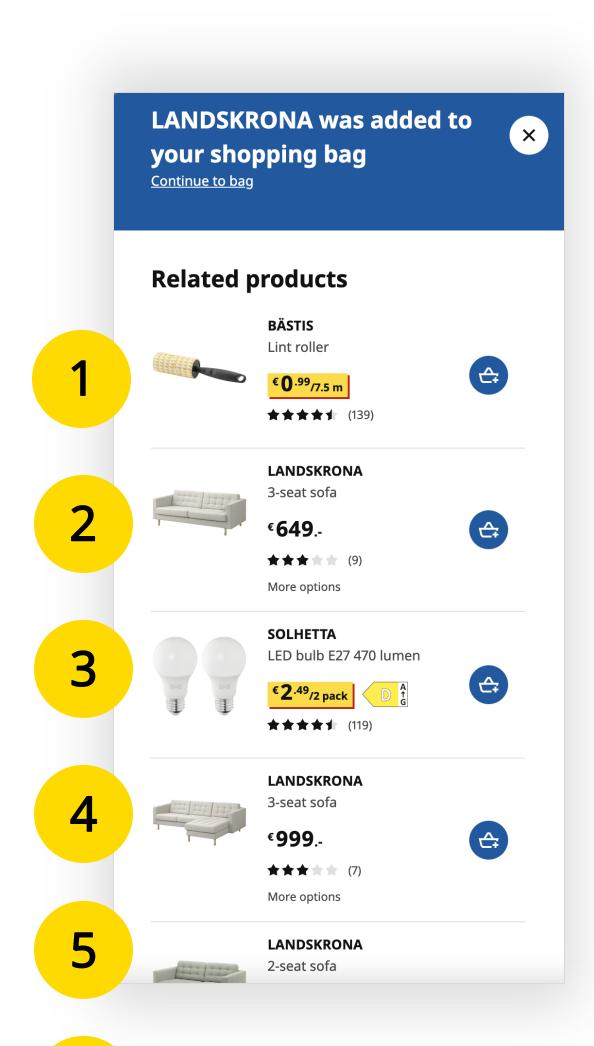
### In the IKEA Store...

~25 sofas \* 3 accessories = **75** 

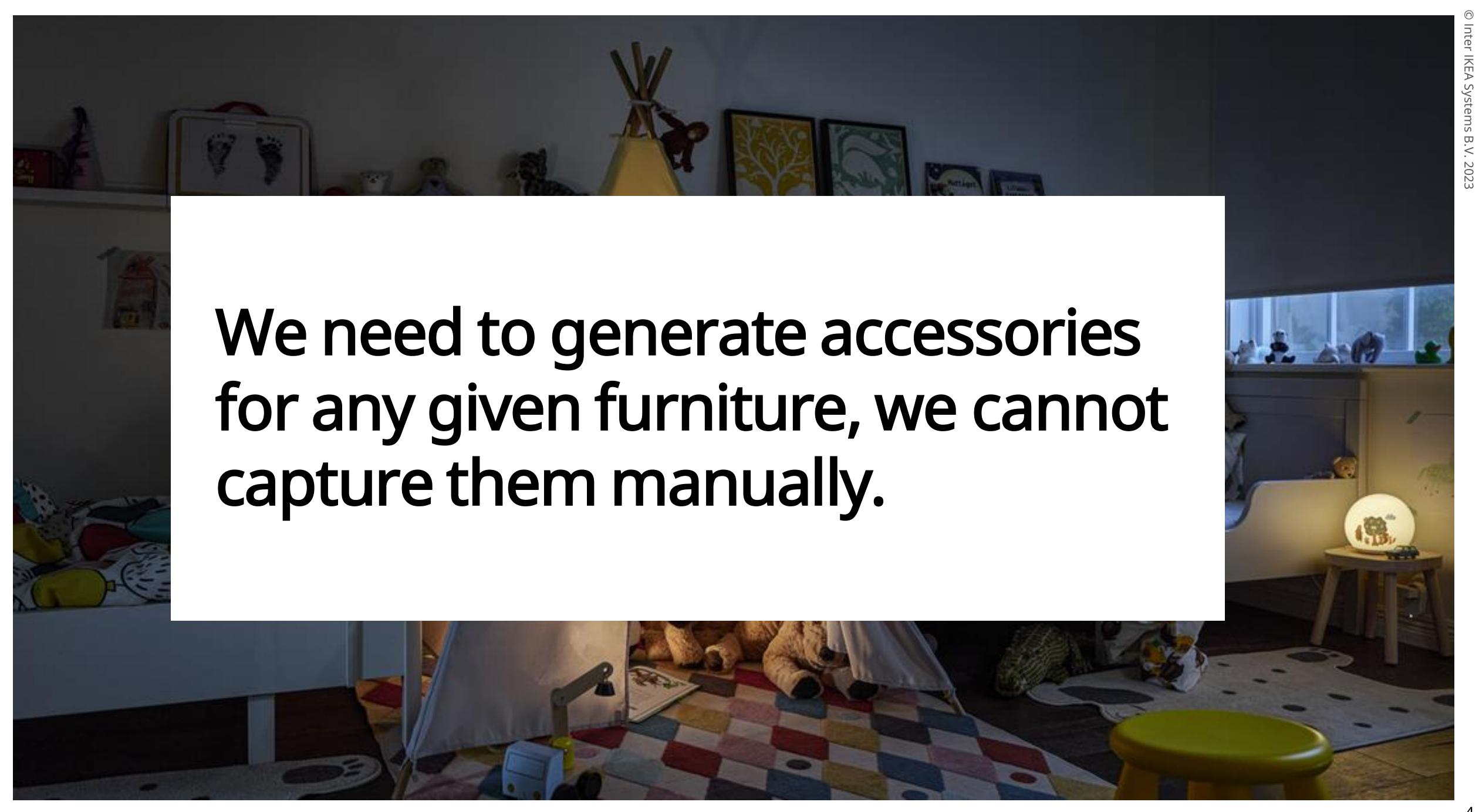


### On IKEA.com...

1587 sofas \* 10 accessories = **15,870** 



3



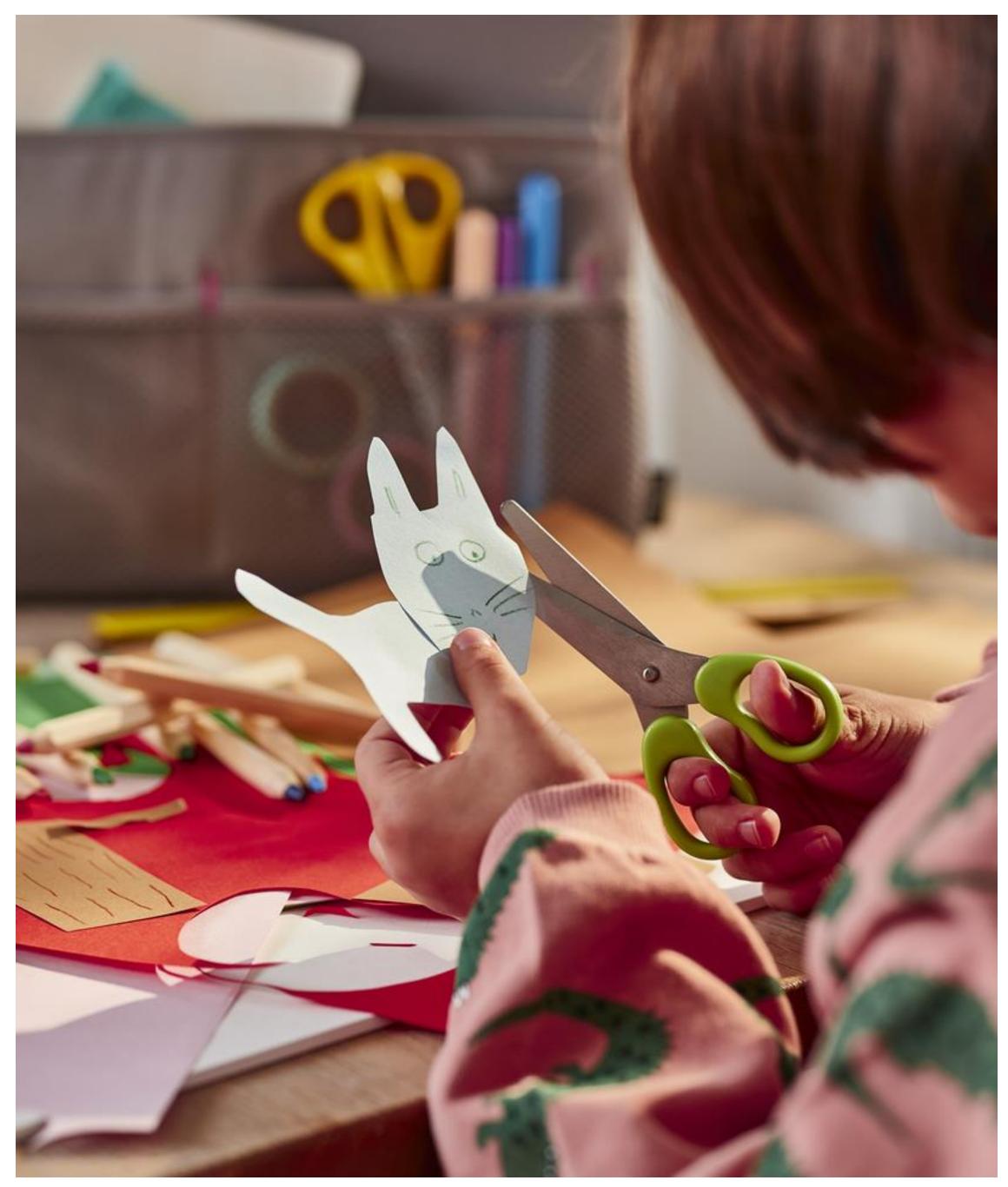
Today we have "Wisdom" of the Crowd – Statistical Analysis of Other Customer Behaviour Drivin g Recommendations



With more and more customers opting out of cookies, the amount of data for crowd of wisdom declines



## Also, this approach gives us the WHAT but not the WHY



# These recommendations can generate mistakes which are hard to vet





Total price: \$59.15

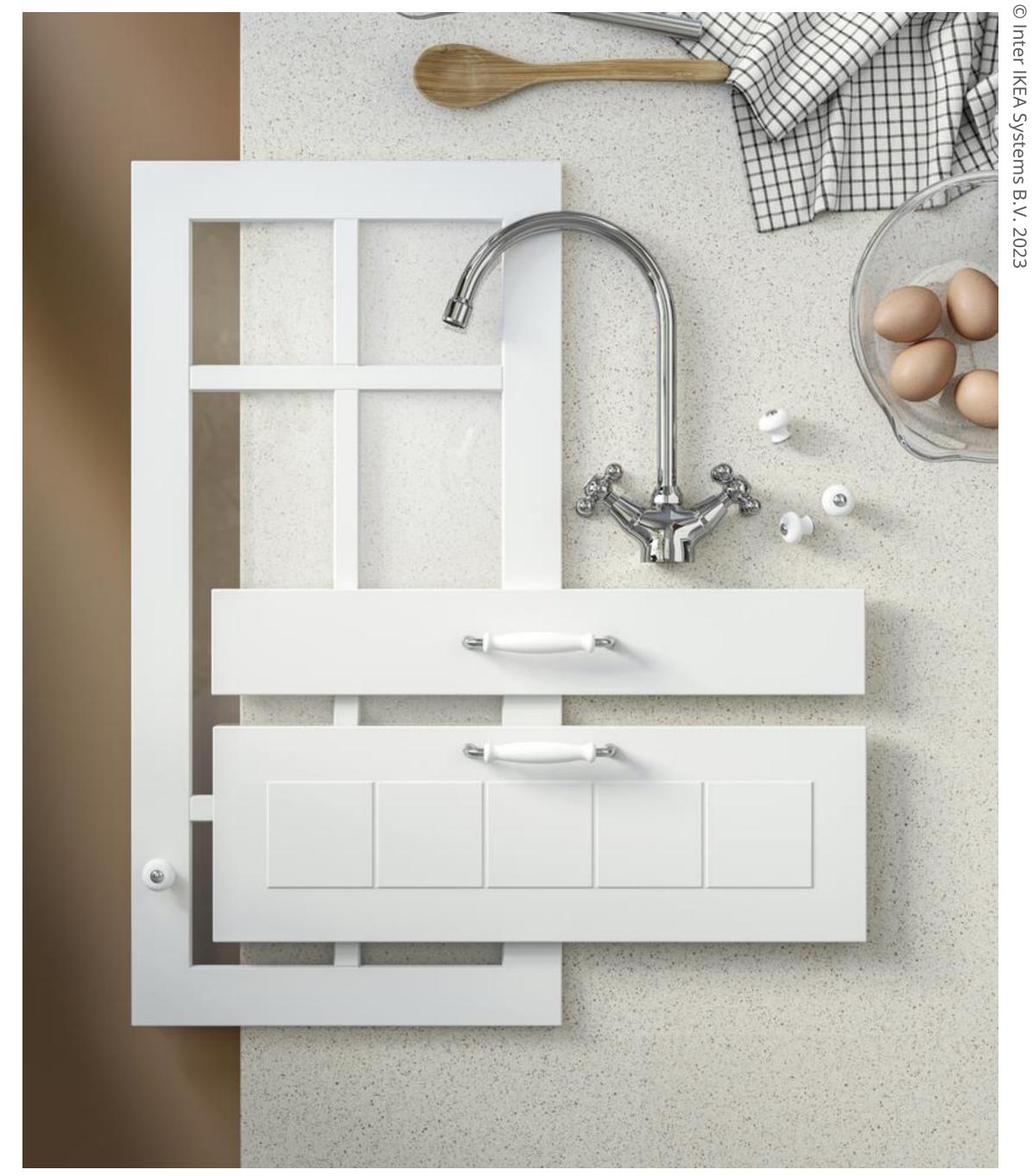
Add both to Cart

- These items are shipped from and sold by different sellers. Show details
- This item: Portable Nebulizer Nebulizer Machine for Adults and Kids Travel and Household Use, Handheld Mesh N... \$49.99 (\$49.99/Count)
- ✓ Essential Oxygen Food Grade Hydrogen Peroxide, Natural Cleaner, 3%, 16 Ounce \$9.16 (\$0.57/Fl Oz)

...and we miss out on the opportunity to serve quality interior designer knowledge to IKEA customers



If we capture the WHY for recommendations we could reuse it for other applications, such as image recognition.

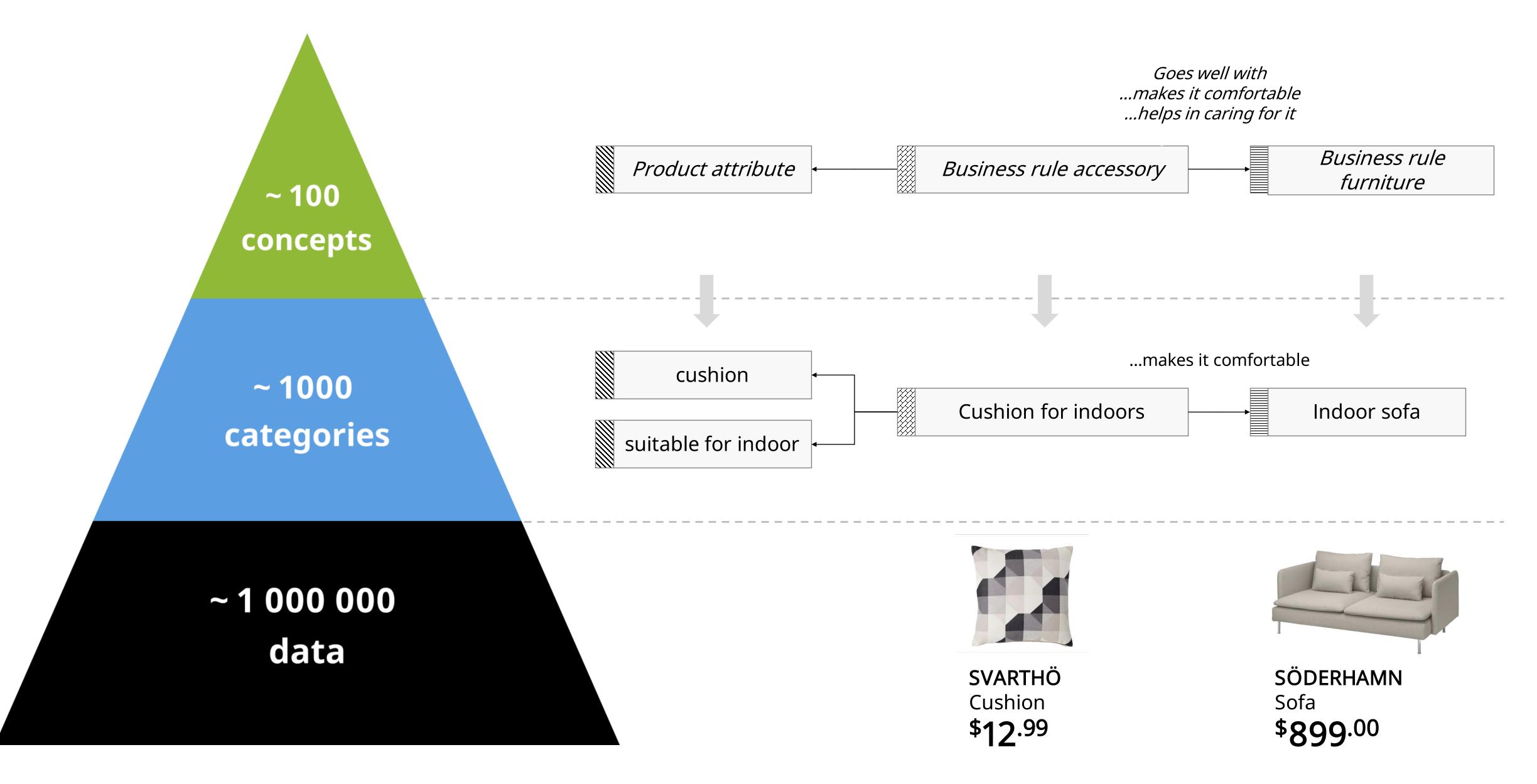


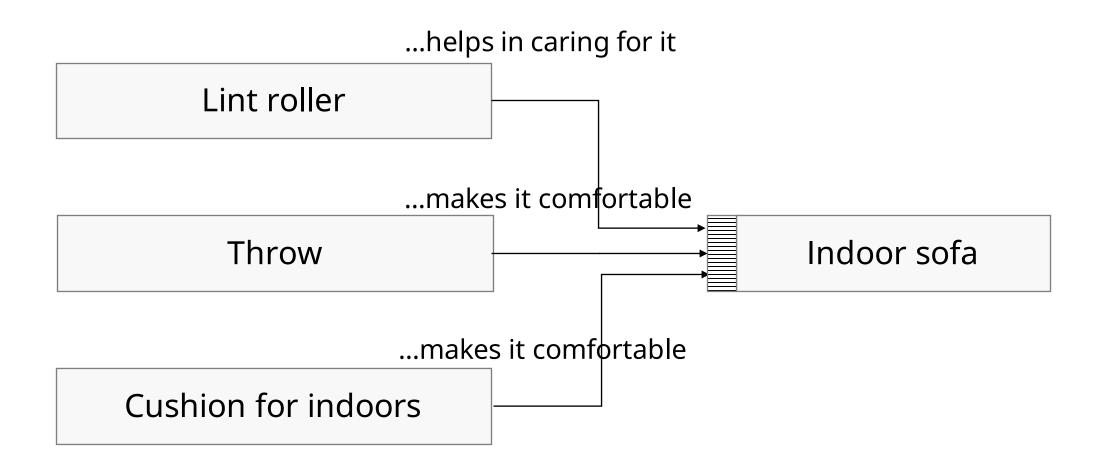
Capturing the WHY is not hard for IKEA, our interior designers know how to combine accessories!



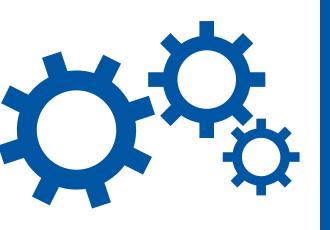




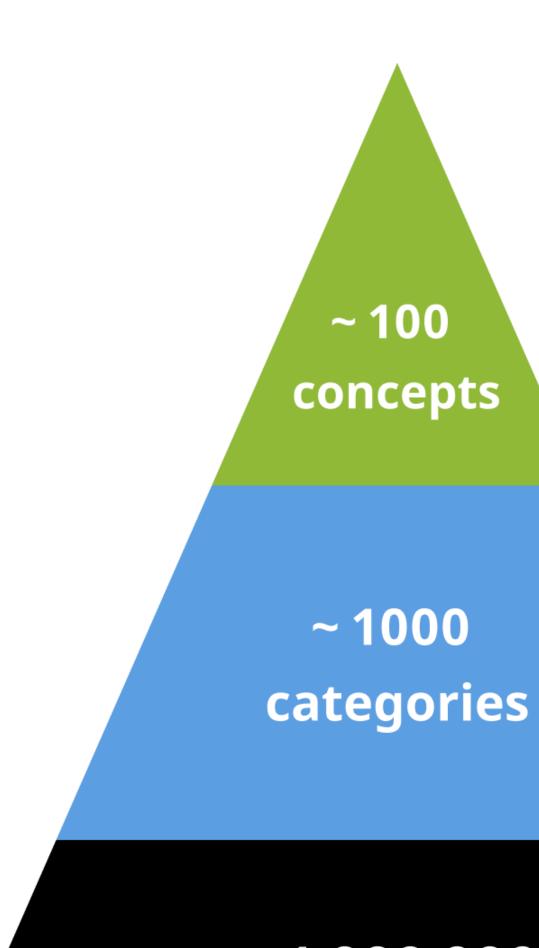








hundreds of accessory recommendations for all indoor sofas



Defines the expressiveness of our business rule model

Is the actual business rule in action

~ 1 000 000 data

Generated new connections that drive the recommendation





### Thankyou

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