

UNE PEIN', URE PAR BEAUBOURG-LA-RE

GILLES GASTON-DRE 19 00 CONFÉRENCE-PERFO

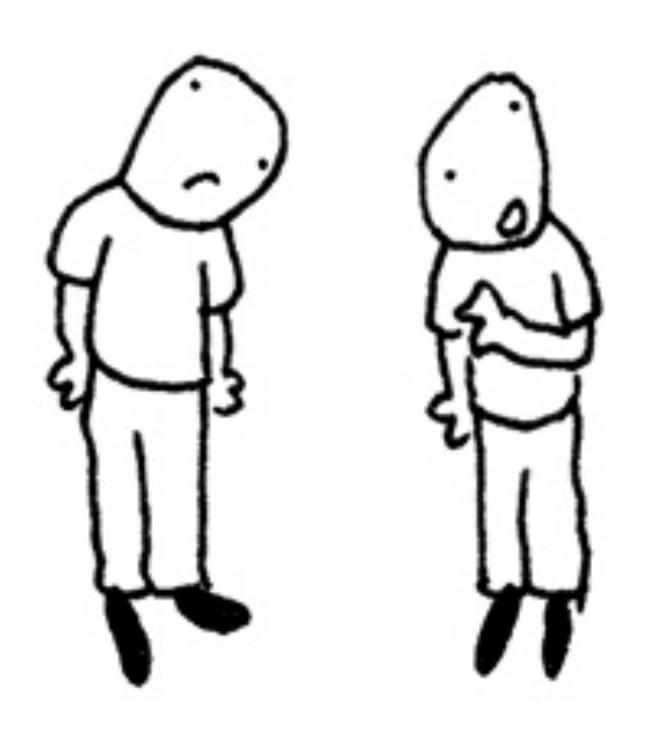
UNE PEINTURE PARLÉE BEAUBOURG-LA-REINE: GILL SOPHIE LENOIR ET STÉPHAN

CONFÉRENCE-PERFORMANO GUILLAUME DÉSANGES

Thank you for being here!





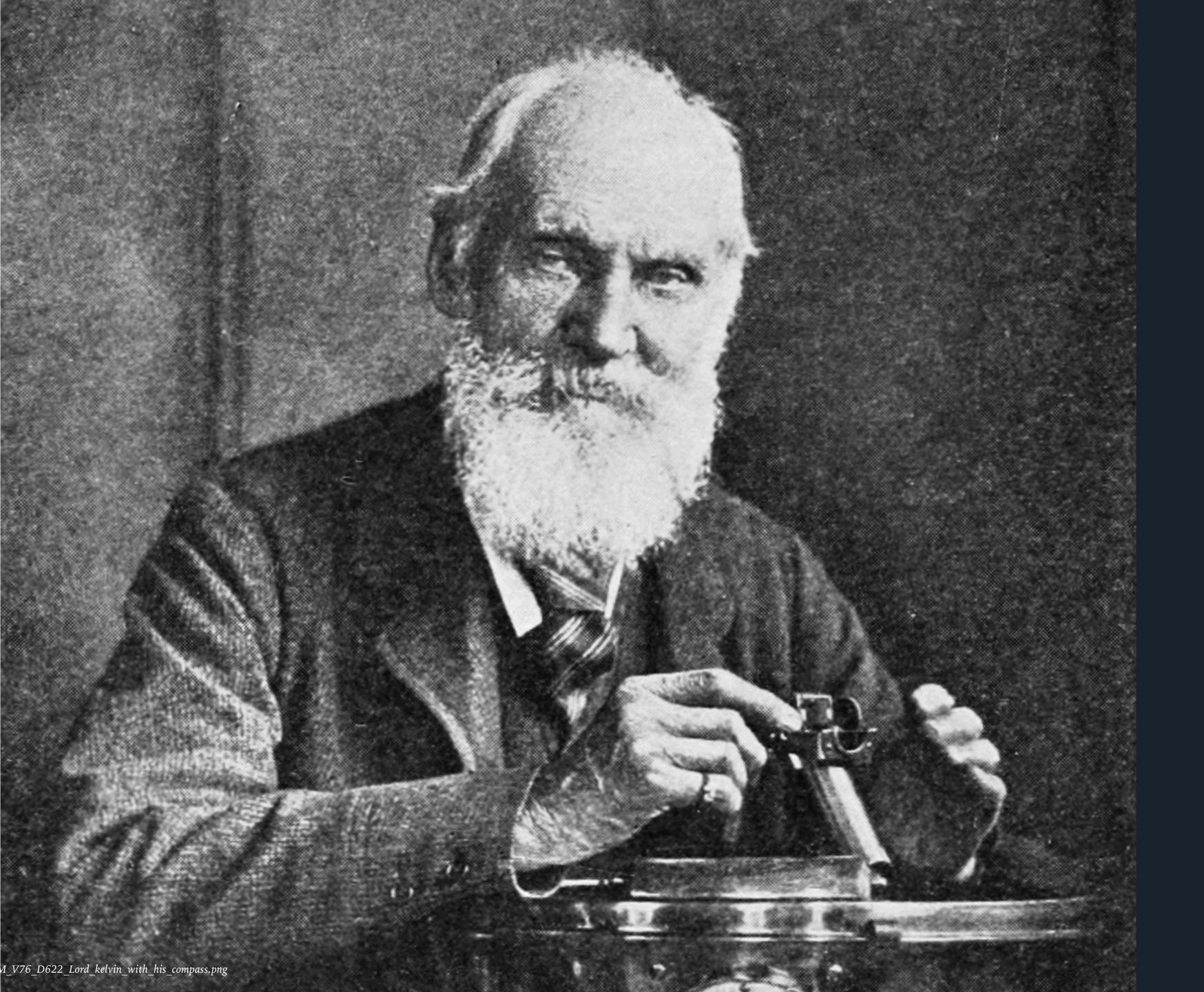


yourself a "polymath" if you only have two talents them is being nervovs

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If you cannot measure it, you cannot improve it.

LORD KELVIN



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surveygizmo

Typeform













Checkbox®

SurveyMonkey®





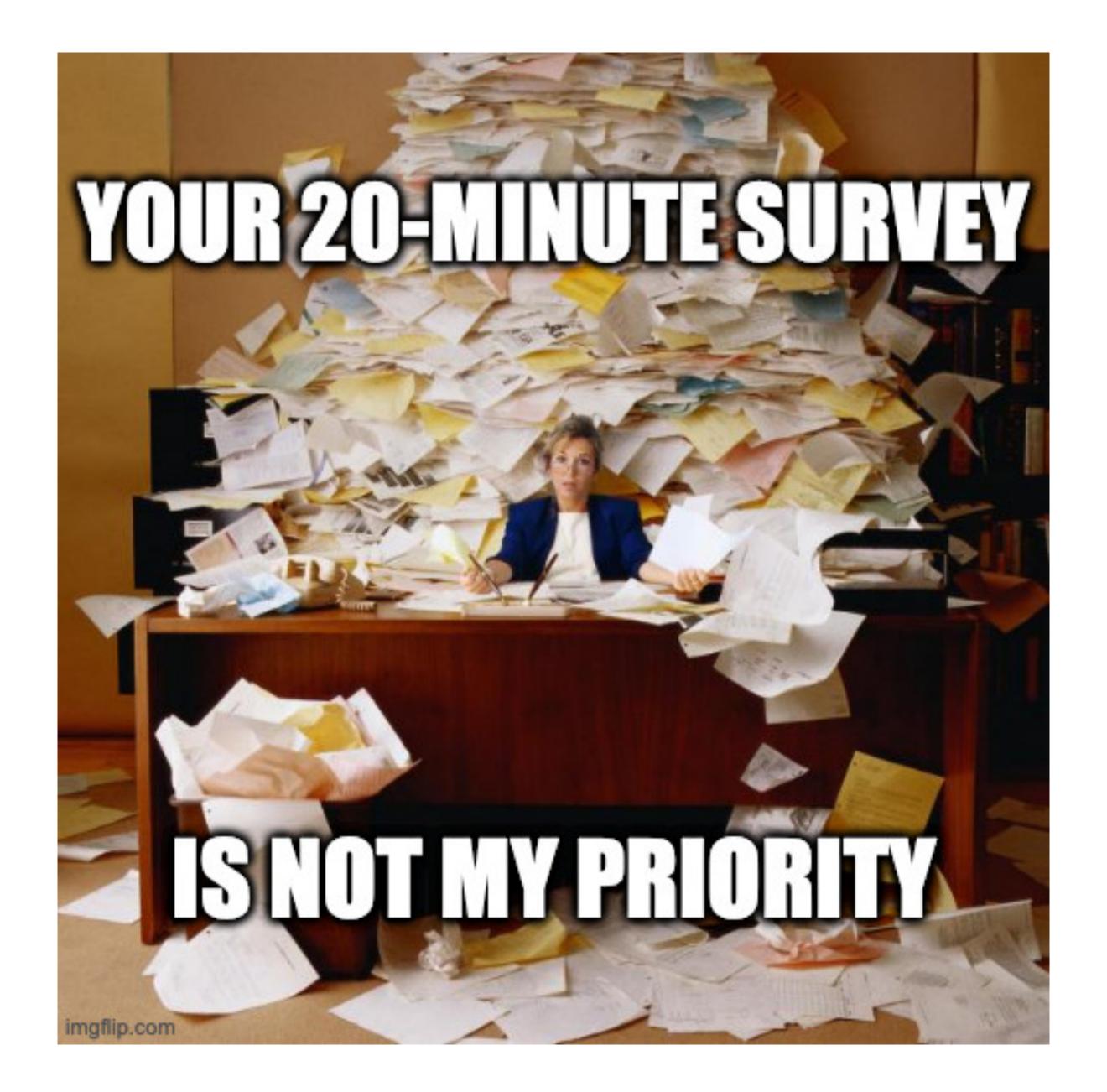




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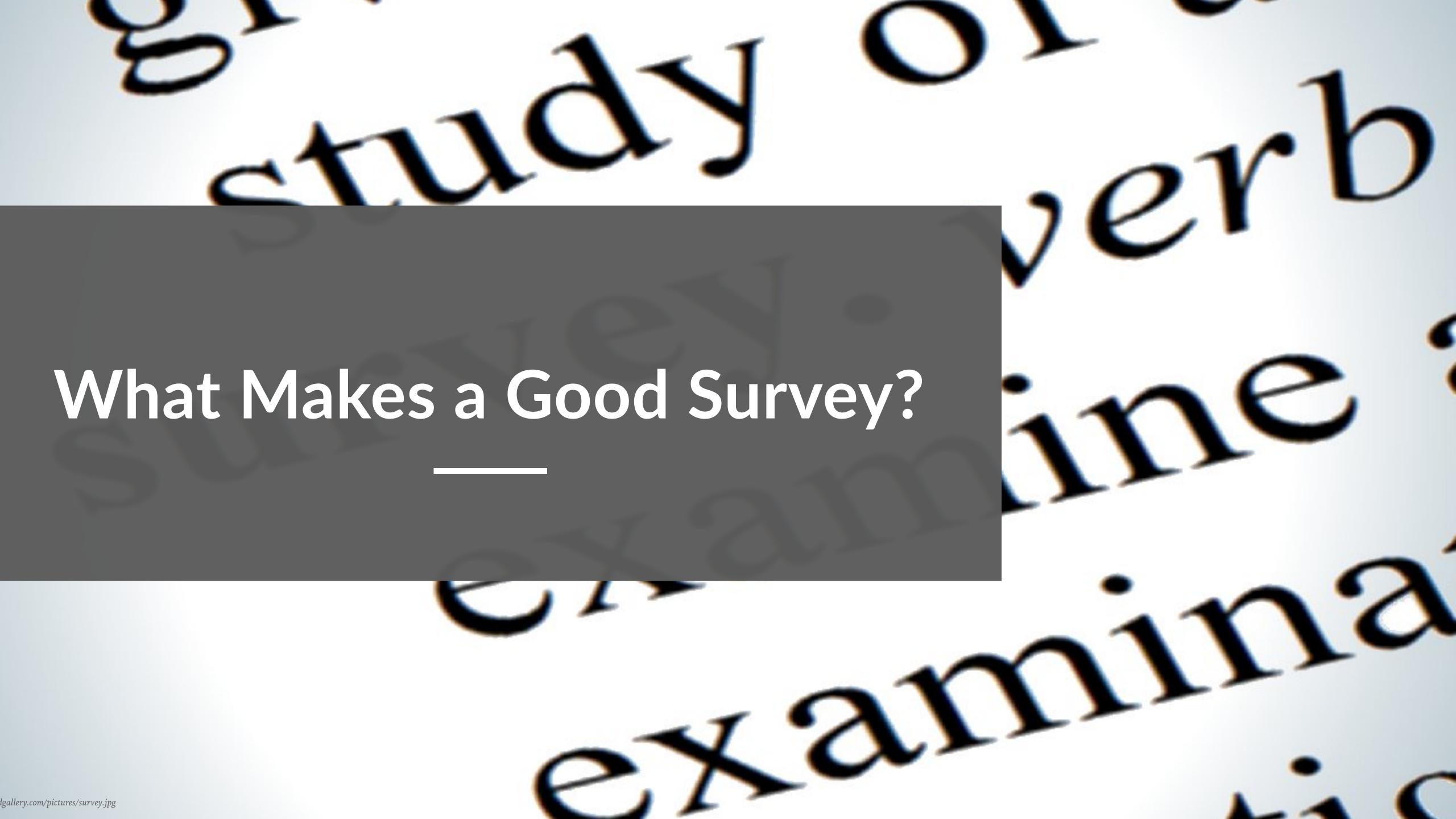


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PRESSER - INTIUL U 5 and 6 per DRESS





The shorter the better





Have a singular focus

Keep the number of research objectives to a minimum.



Use quantitative questions

Open ended text response questions make the survey longer and more taxing on the respondent.



No longer than 10-minutes to complete

Fewer Questions = More Responses + More Completes



https://pixabay.com/p-161539/

Mobile First

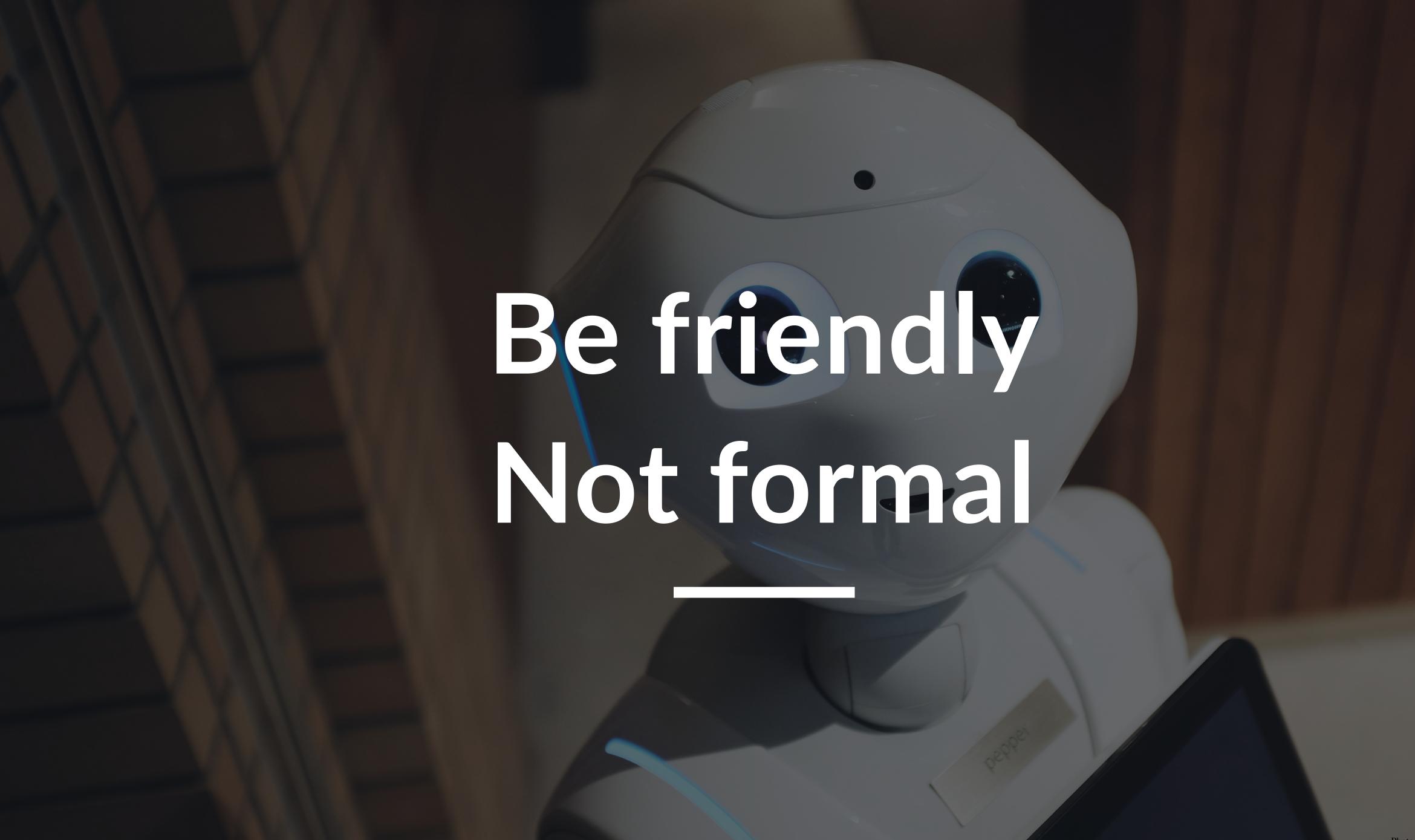
44% of SurveyMonkey surveys were taken on a mobile device in 2016*

Do you really need to ask that? Really? Are you sure?

If you knew this information, what would you do?

Make all questions tweet* length questions

Simply stated. Direct. Clear. Jargon free.



Help respondents give you correct answers



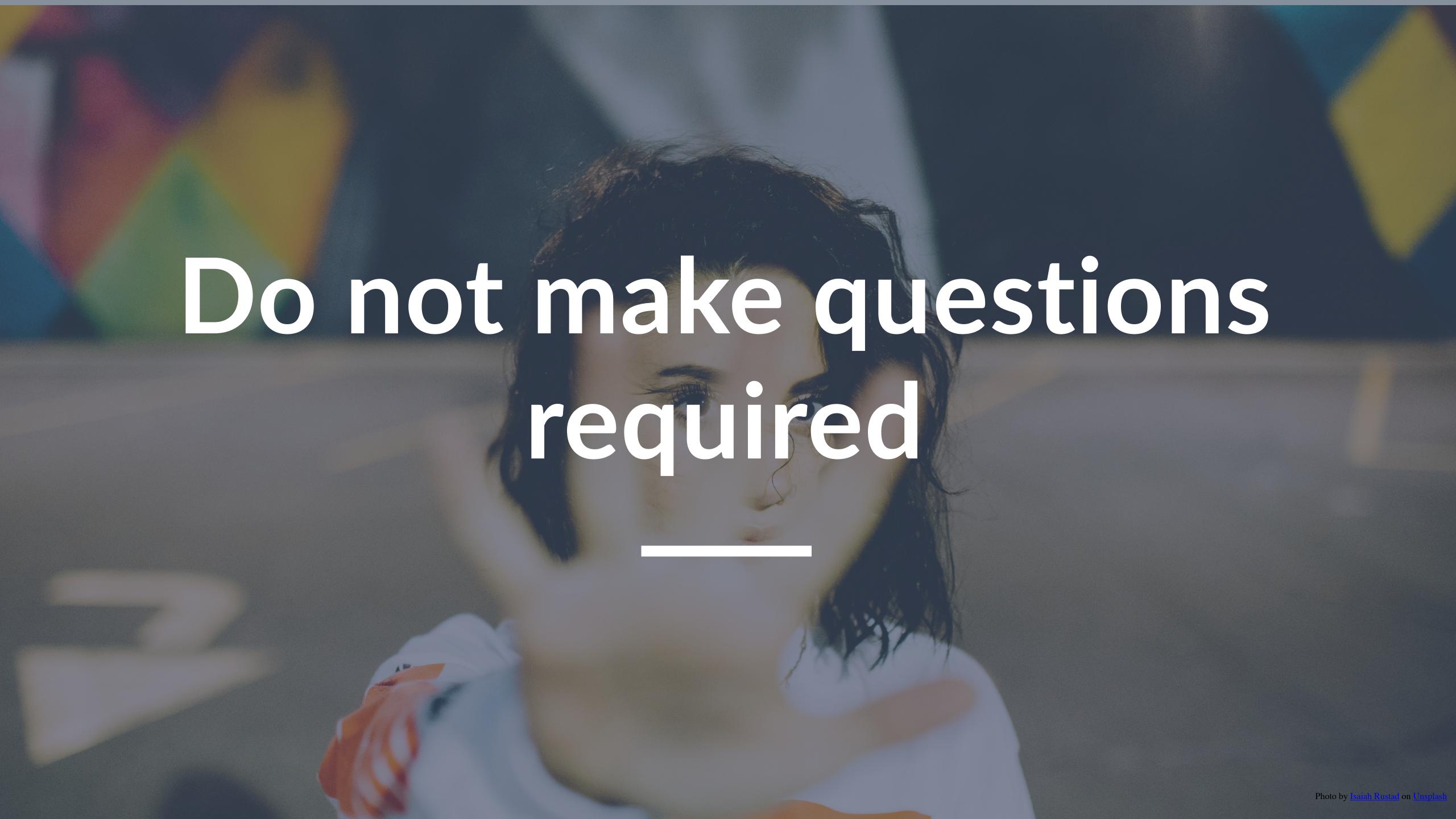
Help Respondents Be Accurate

- Make answer options exhaustive
 - Think about and do some research to give respondents every possible option
- Consider the ranges you offer carefully
 - Respondents will interpret the ranges you give as typical of the population
 - Below average, average, above average
- Don't expect respondents to remember anything
 - Give specifics



Help Respondents Be Accurate

- Offer an opt-out
 - Other, None, Not Applicable
- Let people enter in their own answer
 - Other ____
 - Only use this if you actually plan to use the data





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Basic Survey Question



Do you have a non-human companion?

- O Dog
- O Cat

Basic Survey Question

What kind of pet do you have?

- O Dog
- O Cat

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Basic Survey Question

What kind of pet do you have?

- O Dog
- O Cat
- Amphibian
- Reptile
- Rodent
- O Fish
- O Bird
- O Other
- O I don't have a pet

Basic Survey Question

What kind of pet do you have?

- Dog
- Cat
- Amphibian
- Reptile
- Rodent
- ☐ Fish
- Bird
- Other
- I don't have a pet

Basic Survey Question

What kind of pet do you have?

- Dog
- Cat
- Amphibian
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- Rodent
- Fish
- ☐ Bird
- Other
- I don't have a pet

RANDOMIZE

ANCHOR

Basic Survey Question

What kind of pet do you have?

- Dog
- Cat
- Amphibian
- Reptile
- Rodent
- Fish
- Bird
- Other
- I don't have a pet





Plain language



Exhaustive answer options



Allows multiple answers



Randomized and Anchored



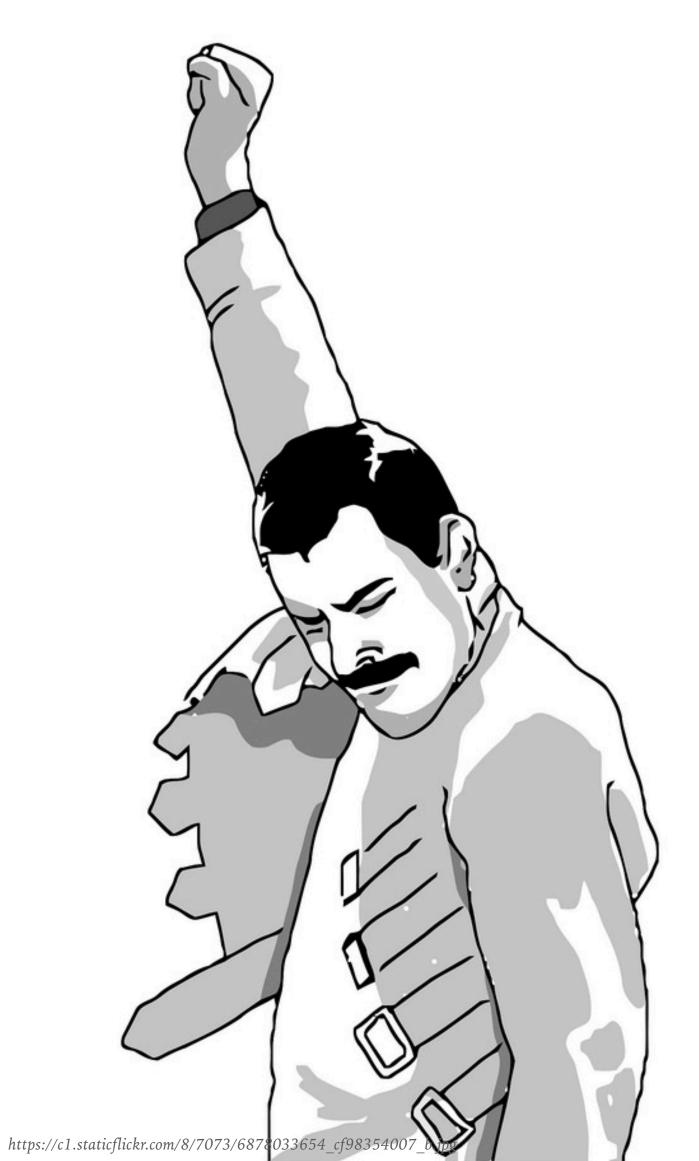
It's not mandatory



Basic Survey Question

Do you have a non-human companion?

- Dog
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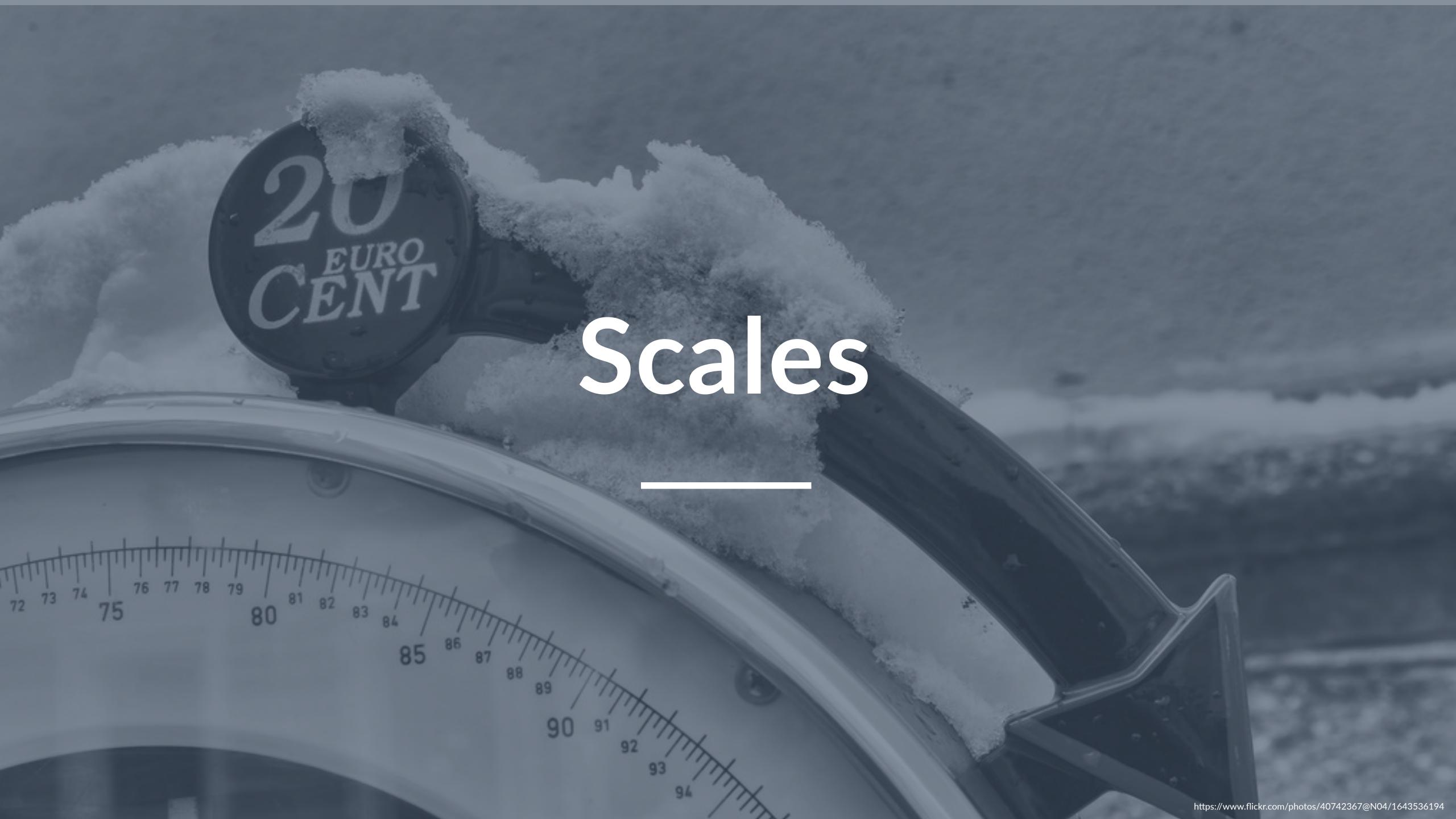




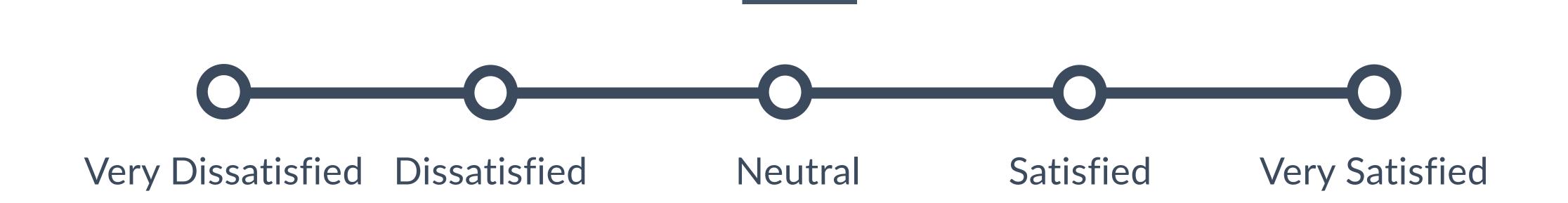


QUESTIONS?

SCALE DESIGN, BIAS MITIGATION, DATA QUALITY, DEPLOYMENT, & ANALYSIS ARE COMING UP



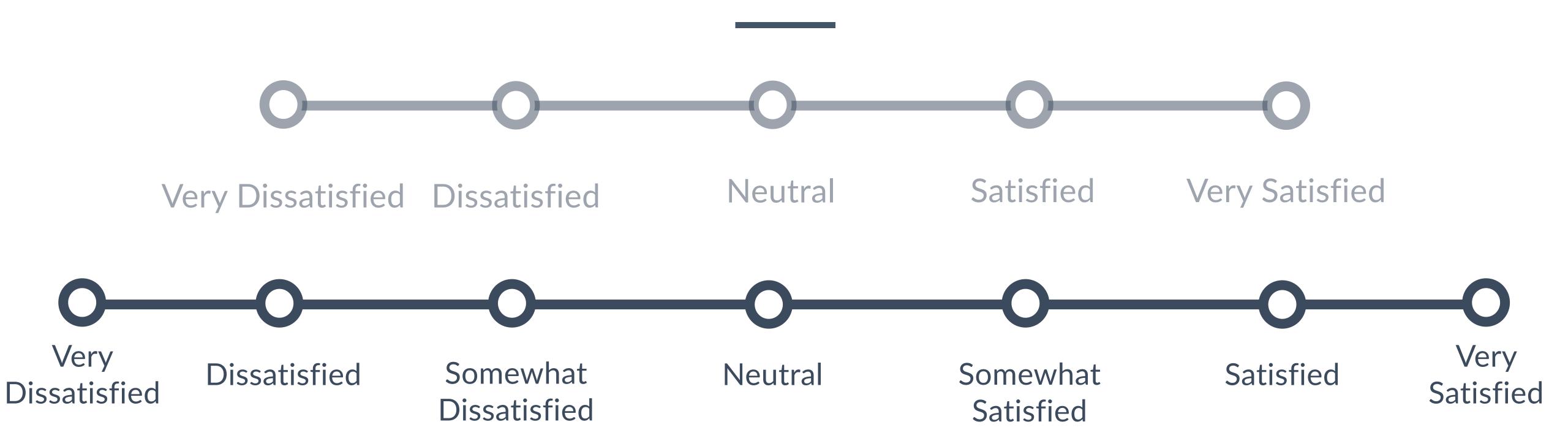
Scales



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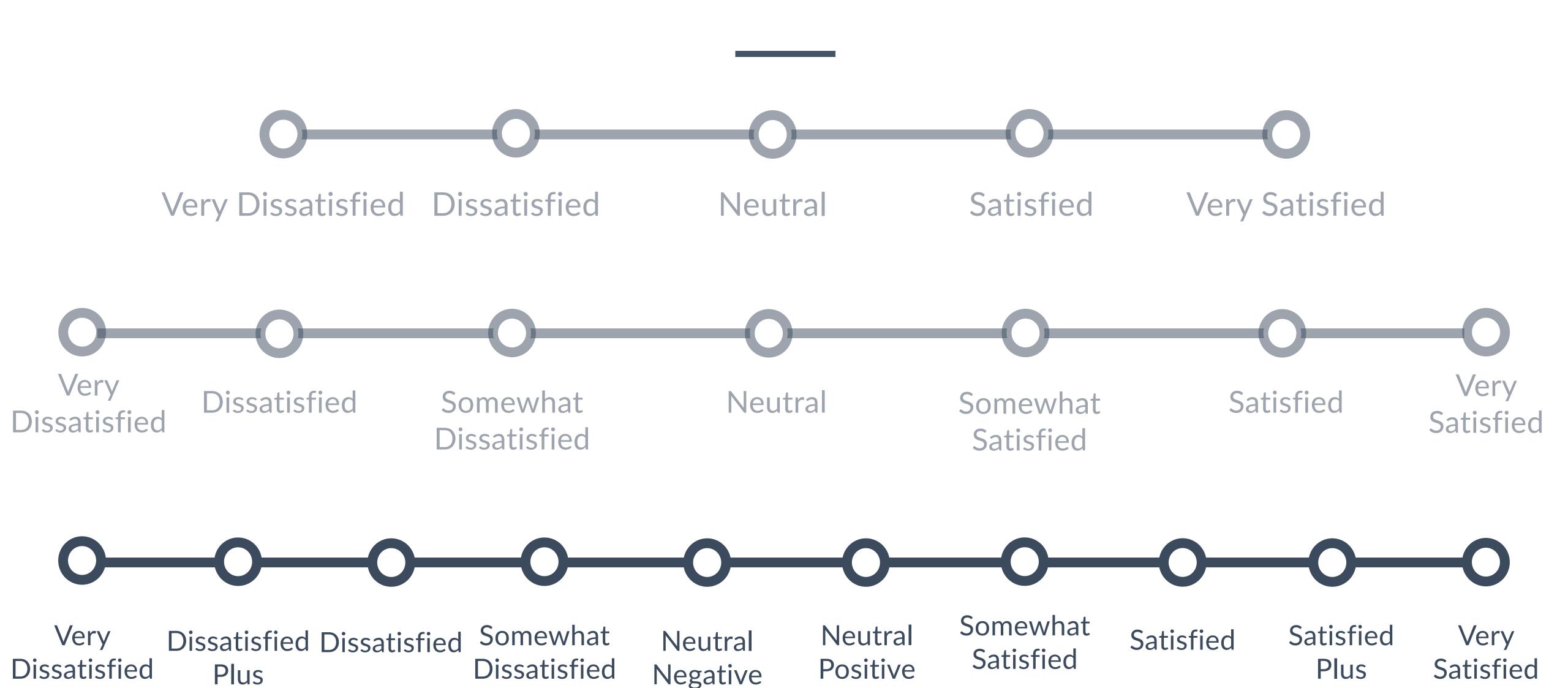
Scales





Scales







Scales

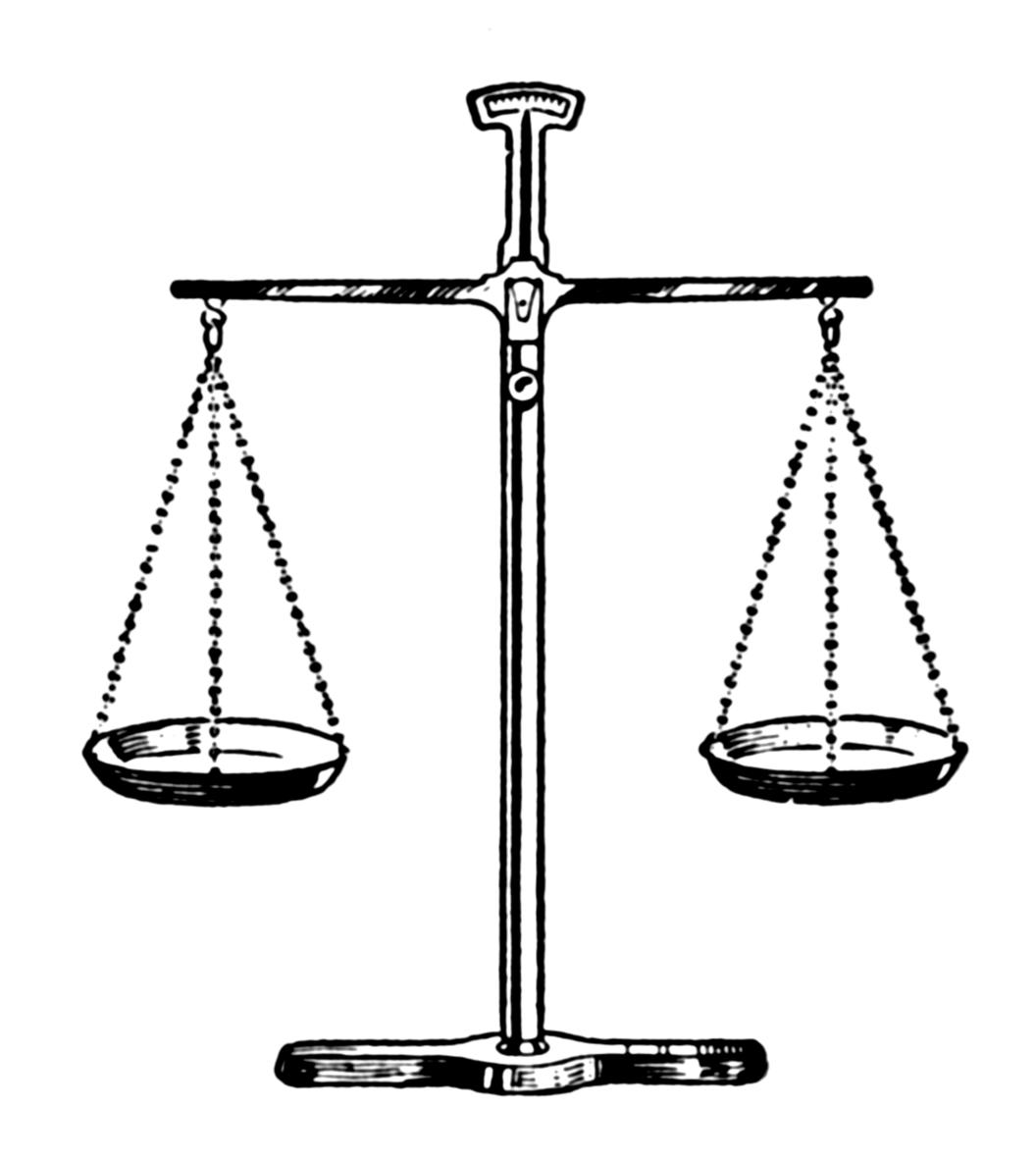


Neutral is a valid answer



Good scales are:

- Likert/Odd numbered
- Balanced
 - The same number of positive and negative options with a neutral option in the middle
- Vertical
 - Mobile first
- Labeled





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Please rate your level of satisfaction with this conference:



How is the conference going so far:

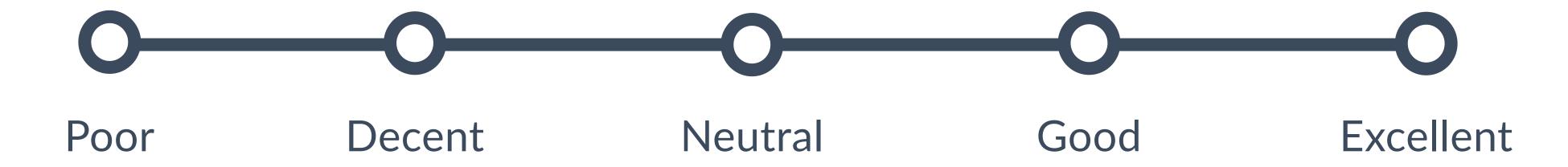


Scale Question

How is the conference going so far:

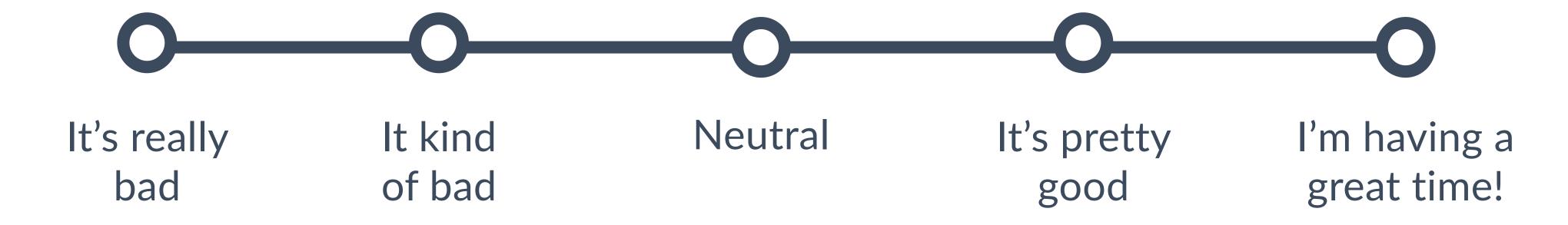


How is the conference going so far:





How is the conference going so far:





How is the conference going so far:

- O I'm having a great time!
- O It's pretty good
- Neutral
- O It kind of bad
- O It's really bad



How is the conference going so far:

- O I'm having a great time!
- O It's pretty good
- Neutral
- O It kind of bad
- It's really bad

Short qu	estion
Plain lar	iguage
Neutral	option
Likert	Scale
Balance	d scale
Verti	cal



How is the conference going so far:

- O I'm having a great time!
- O It's pretty good
- Neutral
- O It kind of bad
- O It's really bad







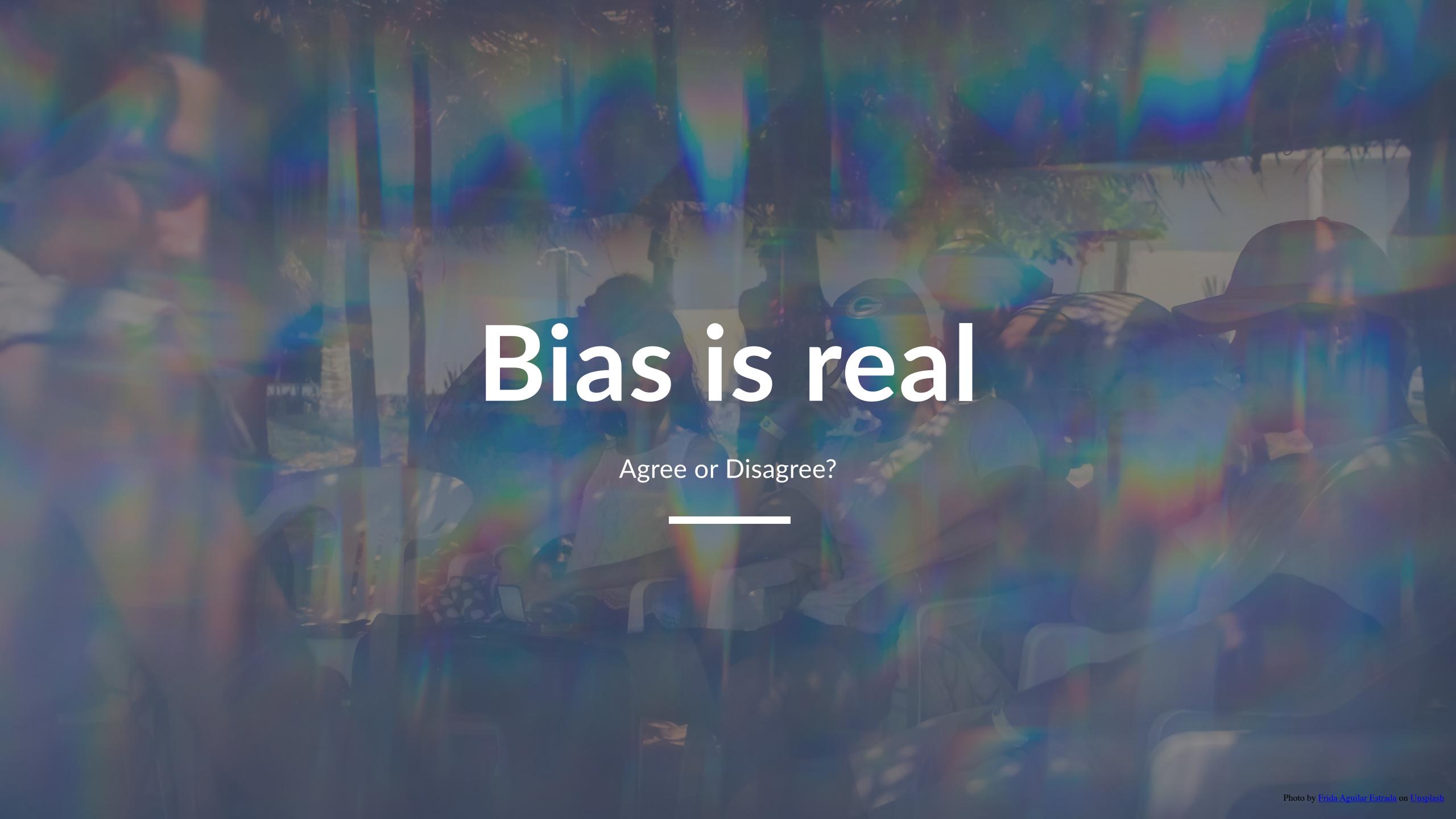
QUESTIONS?

BIAS MITIGATION, DATA QUALITY, DEPLOYMENT, & ANALYSIS ARE ON THEIR WAY

Minnize grid usage Relying on grids is cheating



	Strongly Agree									Strongly Disagree	N/A
	10	9	8	7	6	5	4	3	2	1	
The information about how to use Mobile Banking is helpful	0	0	0	0	0	0	0	0	0	0	0
Mobile Banking is available when I need it	0	0	0	0	0	0	0	0	0	0	0
The Mobile Banking pages load quickly	0	0	0	0	0	0	0	0	0	0	0
Mobile Banking makes managing my finances easier	0	0	0	0	0	0	0	0	0	0	0
I feel confident about finding my way around in Mobile Banking	0	0	0	0	0	0	0	0	0	0	0
My account information is updated quickly in Mobile Banking	0	0	0	0	0	0	0	0	0	0	0
Mobile Banking is secure	0	0	0	0	0	0	0	0	0	0	0
The amount of account history available in Mobile Banking is sufficient	0	0	0	0	0	0	0	0	0	0	0
I am able to easily transfer funds using Mobile Banking	0	0	0	0	0	0	0	0	0	0	0
The response time of Mobile Banking on my mobile device meets my expectations	0	0	0	0	0	0	0	0	0	0	0
My account balances in Mobile Banking are accurate	0	0	0	0	0	0	0	0	0	0	0
It is easy to complete tasks using Mobile Banking	0	0	0	0	0	0	0	0	0	0	0
I was able to find the information I was looking for using Mobile Banking	0	0	0	0	0	0	0	0	0	0	0
My account information in Mobile Banking is easy to understand	0	0	0	0	0	0	0	0	0	0	0



Respondent Biases

Know your enemies

Acquiescence Bias

We just want to get along with everyone by being agreeable. Even people we've never met.

AVOID

Questions involving answers such as:

Yes/No

Agree/Disagree

True/False

Desireability Bias

We like appearing better than we actually are.

AVOID

Asking people to recall their own consumption habits. Find actual usage or purchase data instead.





•

•

•

•

•

Researcher Biases

Know your enemies

Sampling Bias

The sample for the survey doesn't reflect the population being researched.

USE

Demographic Quotas

Random Elements:

Random number generators

Dice

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Research Bias

The point of view of the researcher interferes with the objectivity of the research.

USE

Word questions to be as neutral as possible

Obfuscate your purpose Red Herring answers







Neutral Question

Do you use Gmail?

- O Yes
- O No

Neutral Question



- **O** Gmail
- O Hotmail
- O Yahoo! Mail
- O Outlook
- O I have my own email server
- O Other _____
- O I don't use email

Neutral Question

- ☐ Gmail
- Hotmail
- Yahoo! Mail
- Outlook
- I have my own email server
- Other____
- I don't use email

Neutral Question

- ☐ Gmail
- Hotmail
- ☐ Yahoo! Mail
- Outlook
- FantasticMail
- I have my own email server
- Other____
- I don't use email

Neutral Question

Which of these email services do you use?

- ☐ Gmail
- Hotmail
- ☐ Yahoo! Mail
- Outlook
- FantasticMail
- I have my own email server:
- Other____
- I don't use email

RANDOMIZE

ANCHOR

Neutral Question

Which of these email services do you use?

- ☐ Yahoo! Mail
- FantasticMail
- ☐ Gmail
- Outlook
- Hotmail
- I have my own email server
- Other____
- I don't use email

Doesn't lead



Plain language



Data quality red herring



Allows multiple answers



Randomized and Anchored



It's not mandatory

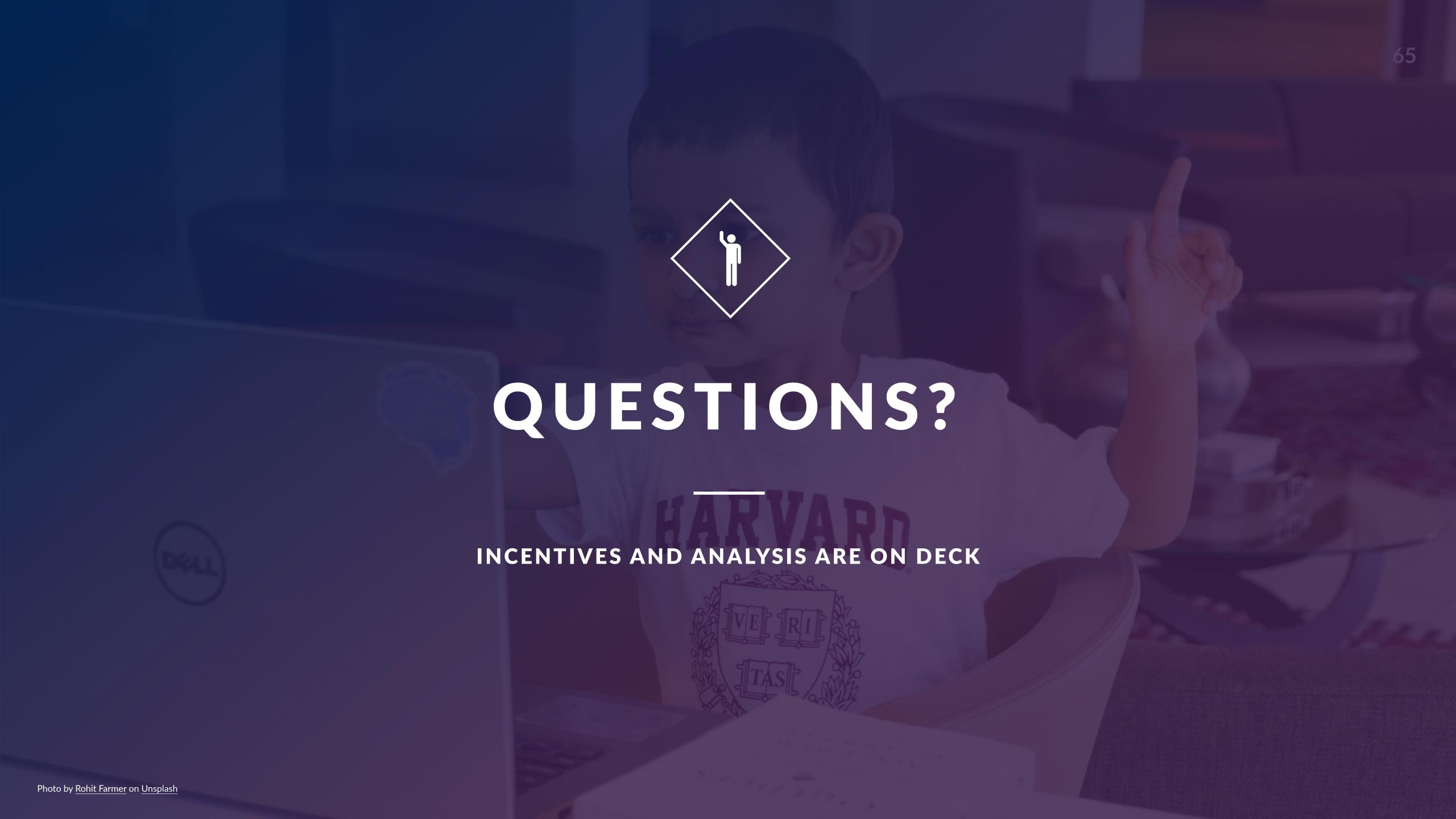


Neutral Question



- Outlook
- I have my own email server
- ☐ Gmail
- ☐ Yahoo! Mail
- Hotmail
- FantasticMail
- Other____
- I don't use email







Incentives

Not necessarily difficult or expensive



METHODS

Online gift cards, account credit, random prize drawing, charitable donations... Get creative!



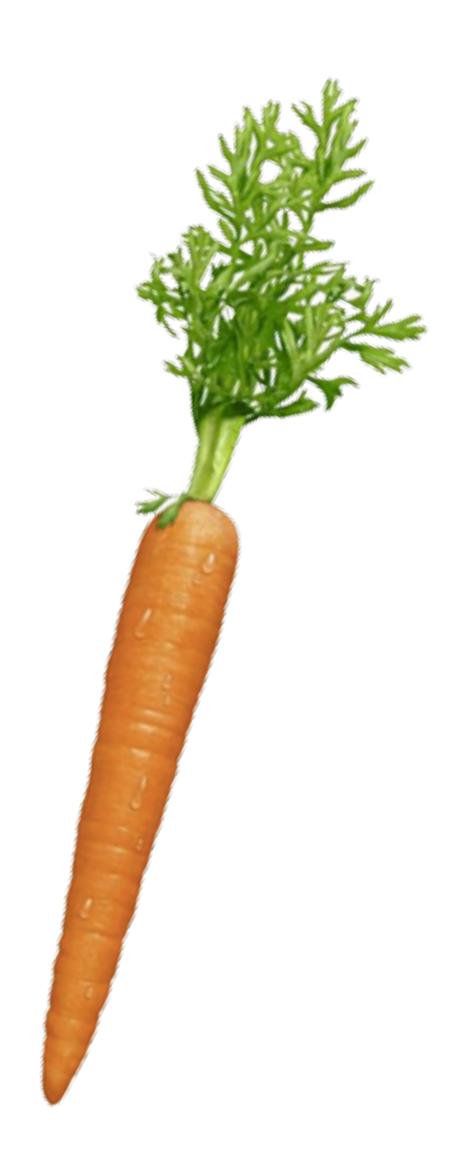
BETTER RESPONSE RATES

Mitigates non-response bias for better results.



DEMONSTRATES RESPECT

Shows you understand the value of respondents' time.



Open with gratitude Close with gratitude

And a final open end



BE GRACIOUS

Thank respondents for their participation at the opening and the closing.

BE TRANSPARENT

Tell them how the data will be used. Improve a product? Help a non-profit? Inform sponsors?

BE GENEROUS

Offer to share the results of the study with them when it's over.

BE OPEN

Present a final open end so they can share something you might have missed.



Have a data analysis plan



What are your objectives for the data?

1

What variables do you want to use in your cross tabs?

2

Additional data analysis?
Conjoint? Regression? Text analytics?

3

Will you need special software to run the analysis?

4

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Clean Your Data



REMOVE

- Extreme outliers
- Respondents who didn't answer all of the questions
- Respondents who used red herring answers
- Respondents who straight-lined



ASSESS

Do you still have the sample size you need? Yes? Go on to the analysis.

No? Only remove the worst 20% of the iffy responses or get more respondents.

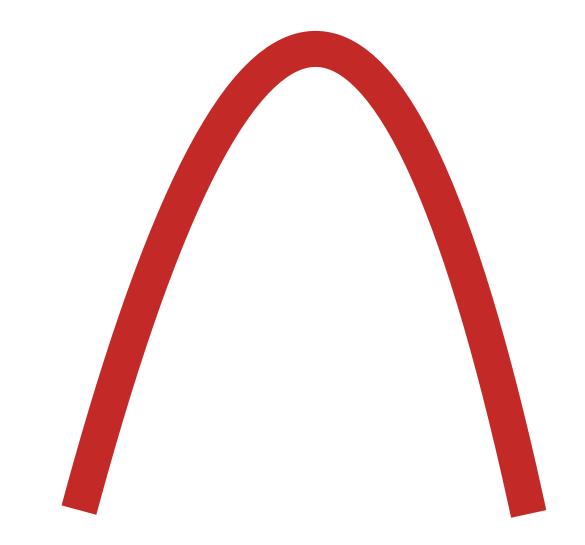
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What does standard deviation mean?

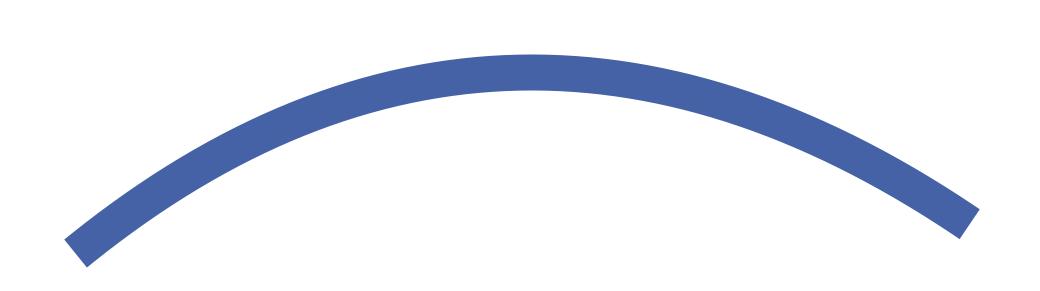


Low Number

High Number



Homogeneous Data



Heterogeneous Data

Top 2 Boxes/Percent Positive



Analyzing scale data

- When analyzing scale data calculate the percentage of respondents that chose the top 2 boxes
 - 5 point scale = top 2 boxes
 - 7 point scale = top 3 boxes

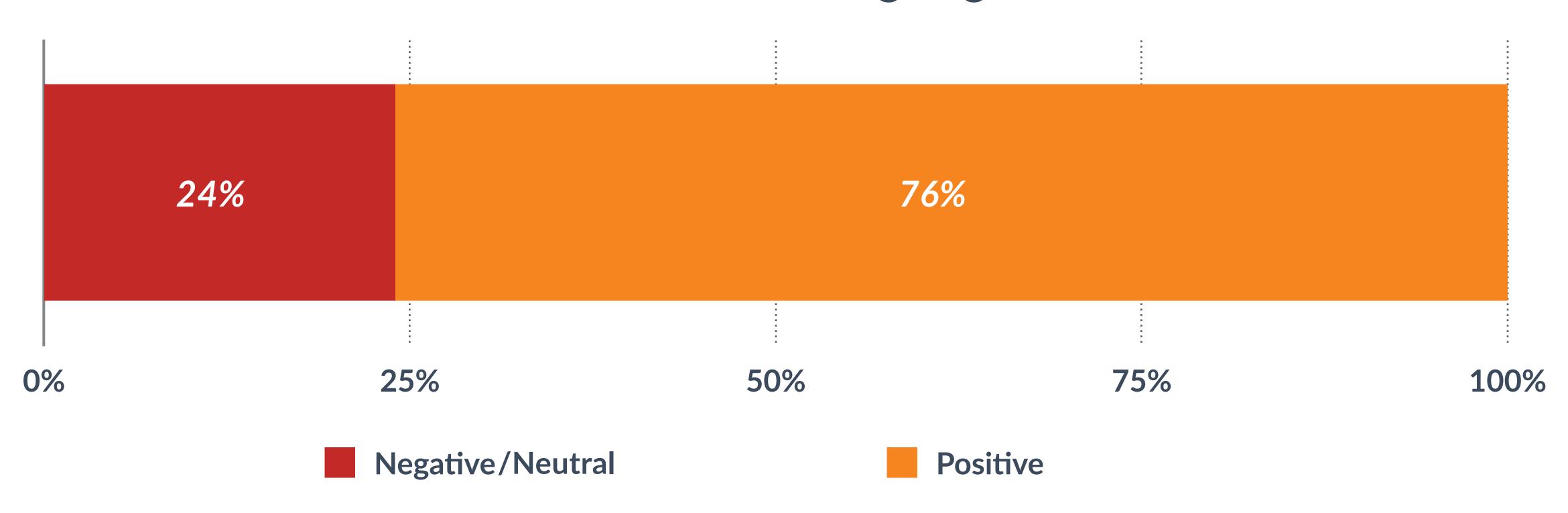
	It's really bad	It's kind of bad	Neutral	It's pretty good	I'm having a great time			
Responses	1	24	19	59	78			
% of Total	0%	13%	11%	33%	43%			
Top 2 Boxes				76%				

Top 2 Boxes/Percent Positive



Graphing scale data

How is the conference going so far?







QUESTIONS?

NEXT ARE KEY TAKEAWAYS AND FURTHER READING



Key Takeaways Yes, take a photo of this slide

- Surveys are a UX problem you can solve.
- Keep it short. 10 minutes or less.
- Make them mobile first. Vertical. Concise. Abandon grids. Limit open ends.
- Make all scales balanced Likert scales. 5s or 7s. Analyze using Top 2 (or 3) boxes.
- Have a plan for the data before you write the survey.
- Incentivize. Incentivize. Incentivize.
- Clean your data before analysis. What are you doing to ensure data quality?



Further Reading



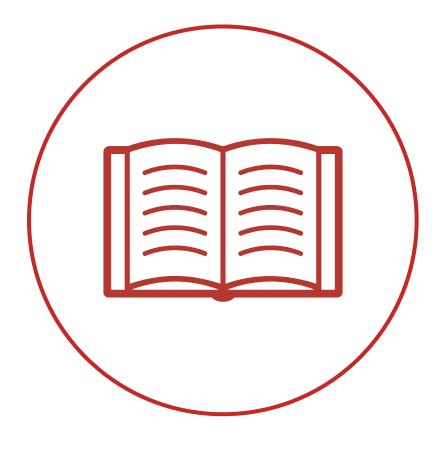
Internet, Mail, and Mixed-Mode Surveys

Don A. Dillman, Jolene D. Smyth, and Leah Melani Christian



Questionnaire Design

Ian Brace



The Complete
Guide to Writing
Questionnaires

David F. Harris



People Are Not Robots

Annie Pettit, PhD

Online Sources





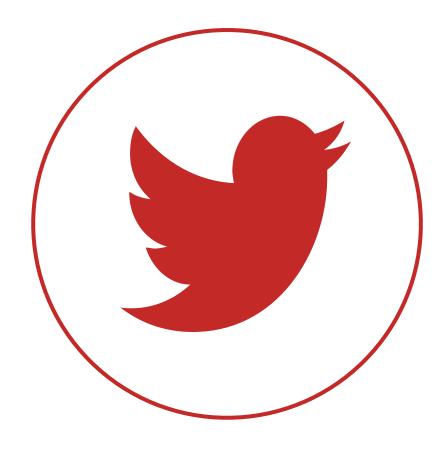
NewMR

Hashtag #NewMR
Twitter @NewMR_News
Youtube "NewMR Videos"



Annie Pettit, PhD

Twitter @LoveStats



Jeffrey Henning

Twitter @JHenning



Ray Poynter

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THANKYOU

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