

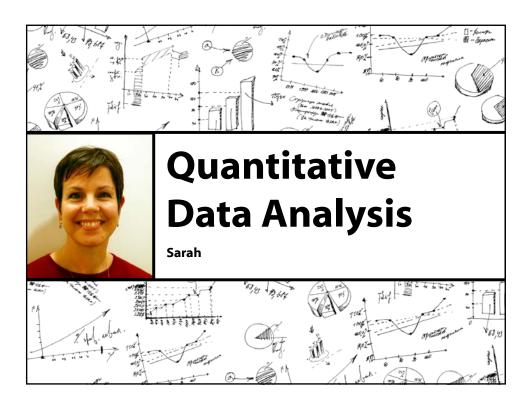
Objectives

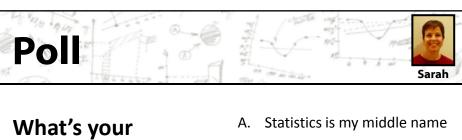


LO

By the end of this webinar, you will

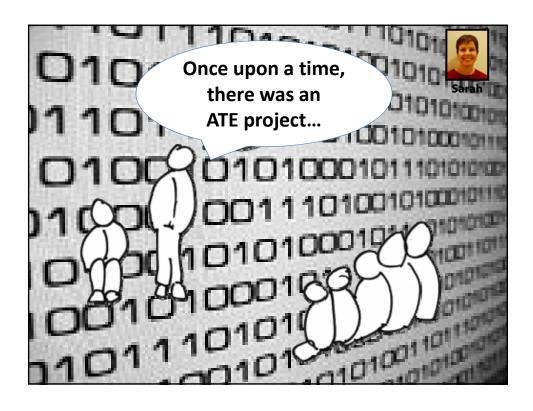
- Understand the fundamentals of quantitative data analysis
- Know how to systematically analyze qualitative data
- Be able to use website data for evaluation
- Know how to integrate findings from multiple sources of data

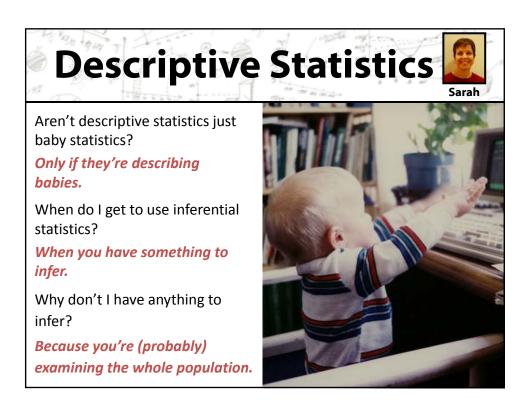




familiarity and comfort level with quantitative analysis for ATE evaluation?

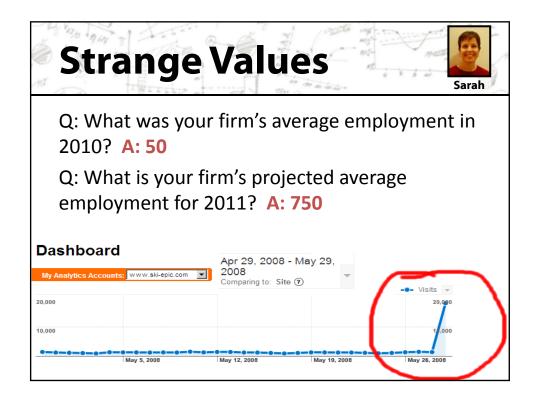
- B. Pretty familiar
- C. I've used it, but I need some refreshing
- D. I'm a beginner
- E. Quanty whaty?



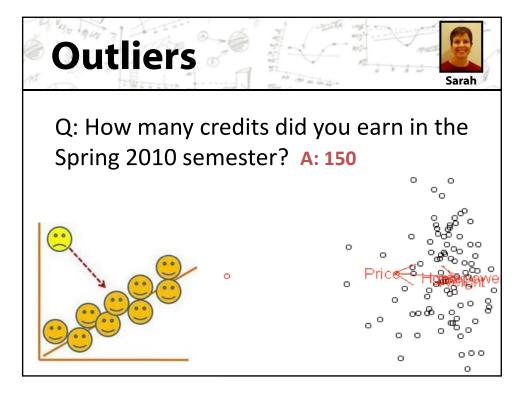












Internal Contradiction



Saral

Q: Please indicate your agreement with the following statements (1=strongly disagree, 2= disagree, 3=neutral, 4=agree, 5=strongly agree)

The program met my expectations.A: 1

The program served my needs.A: 1

– I would recommend this program.A: 1

Q: Any additional comments?

A: This program is A #1! Tops! Aces! Primo! It met my needs, served my expectations, and I will recommend it! I strongly agree!



Correcting Errors No standard for corrections Correct if intent is clear Otherwise – call it missing

Missing Data



Sarah

- No standard for "too much missing"
- BUT: under 5%, don't worry

Most important consideration: Is there a pattern?

Missing Data Patterns



- Process patterns
 - Survey length
 - Confusing questions
 - Conditions of survey completion
- May need to eliminate items
- Content patterns more interesting and troublesome



Content Patterns



Q: What is your yearly income?

	Answered	Didn't answer
Men	56%	44%
Women	74%	26%
All	65%	35%



Coping with Missing Data



- Listwise deletion not recommended
- Pairwise deletion sometimes recommended
- Estimation
 - Mean substitution not recommended
 - Imputation sometimes appropriate

Bottom line: Explain and defend your choice

Show Your Work



Sarah

Wrong

	Mean Annual Income
Men	\$32, 741
Women	\$27, 602
Total	\$30,172

Note: data manipulated using wishful thinking and a Magic 8 Ball

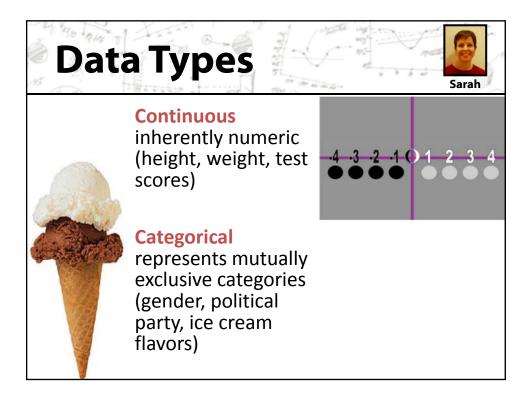
Sight

	Mean Annual Income
Men (n = 56; 56% response rate to item)	\$32,741
Women (n = 74; 74% response rate to item)	\$27,602
Total (n = 130; 65% response rate to item)	\$29,816

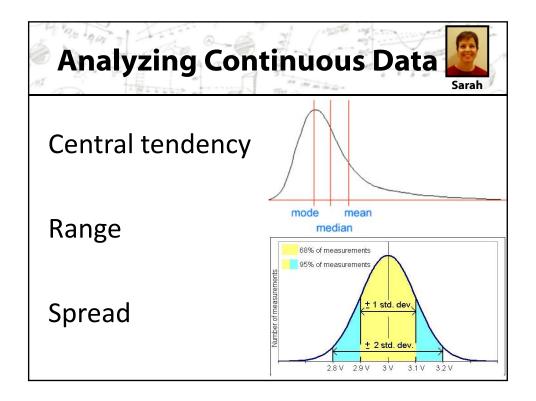
Note: non-responses determined to be missing completely at random; missing values estimated by multiple imputation. See Appendix C for formulae, calculations, and extended explanation.



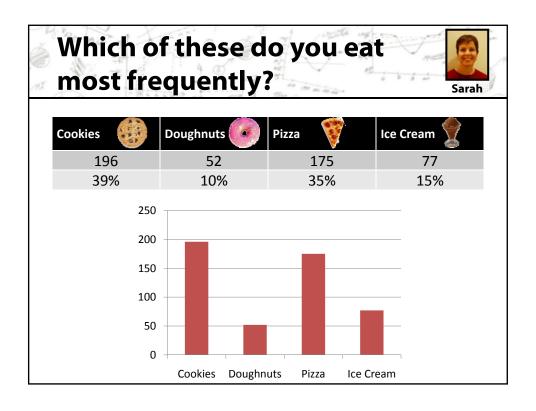


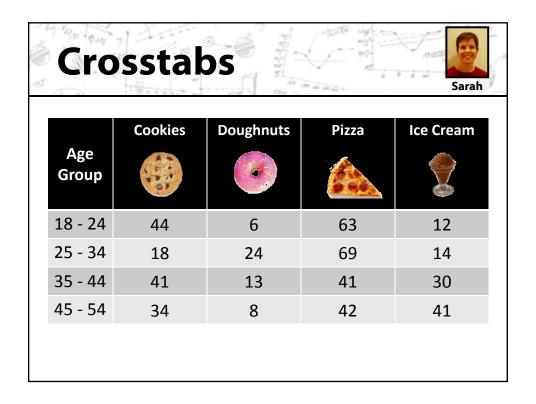


Continuous	Da	ta	Sarah
Snack Foods and Rates	of Consu	ımption by	Age
Snack		18 - 39	40 +
Number of doughnuts	0	8	14
Pounds of cookies	(t :)	3	5
Slices of pizza	V	15	22
Pints of ice cream		6	12

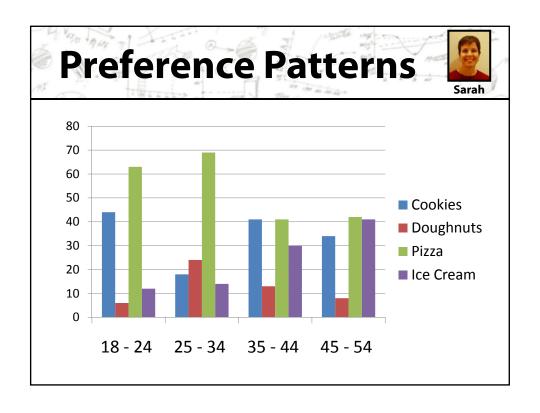


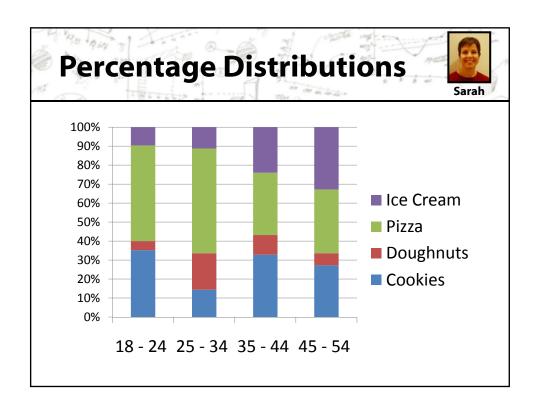














Rankings



Please rank these in order of deliciousness:

uei di delicioustiess

B. doughnuts

A. cookies

C. pizza

D. ice cream

To tally rankings:

 $1^{st} = 3$ points

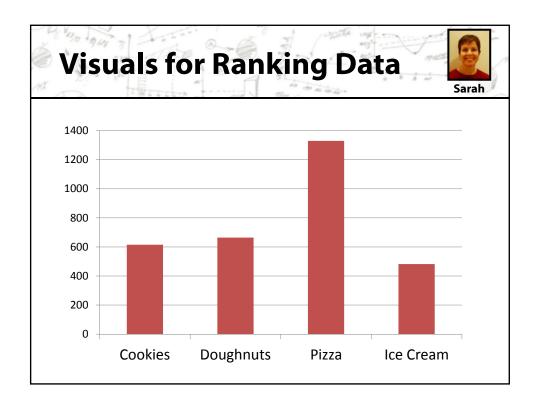
2nd = 2 points

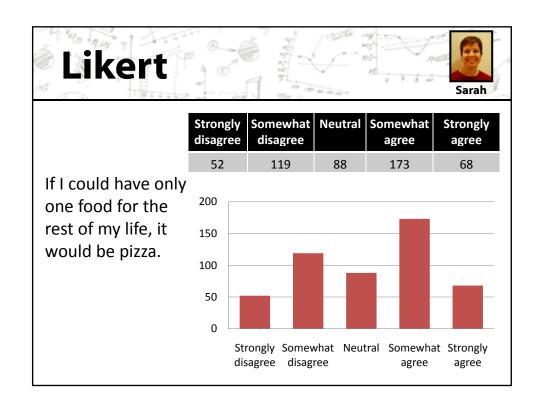
 $3^{rd} = 1$ point

 $4^{th} = 0$ points

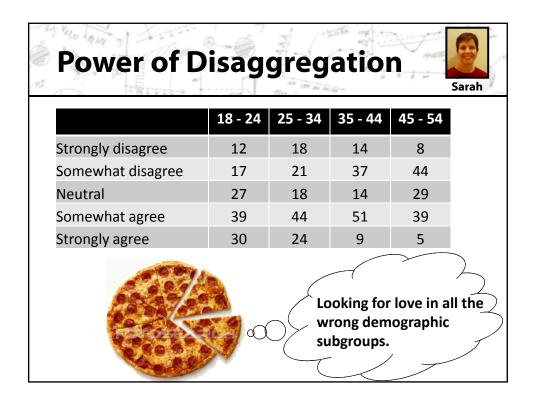
Rankings by Points Cookies **Doughnuts** Pizza **Ice Cream Points** Points **Points Points** 243 288 245 1st 81 96 735 78 234 2nd 78 156 137 274 208 416 77 154 3rd 125 125 102 102 179 179 94 94 4th 94 0 221 0 103 0 82 0 524 664 1,330 482

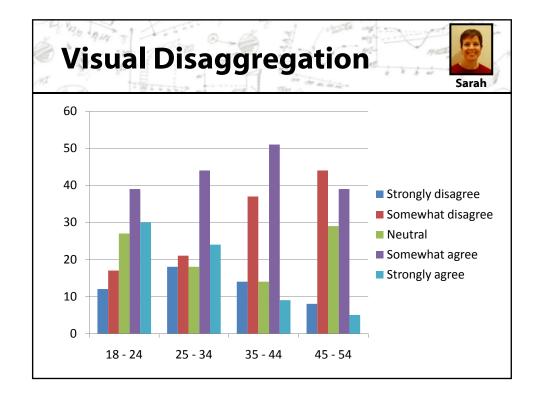




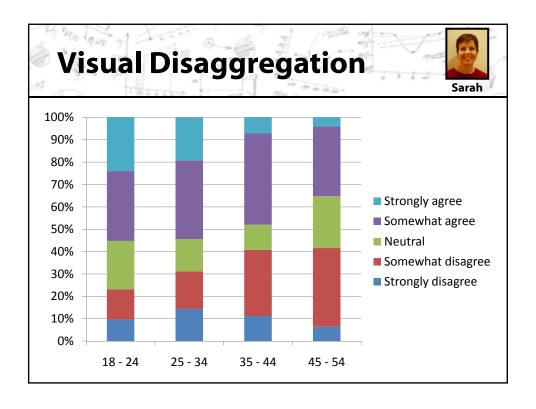


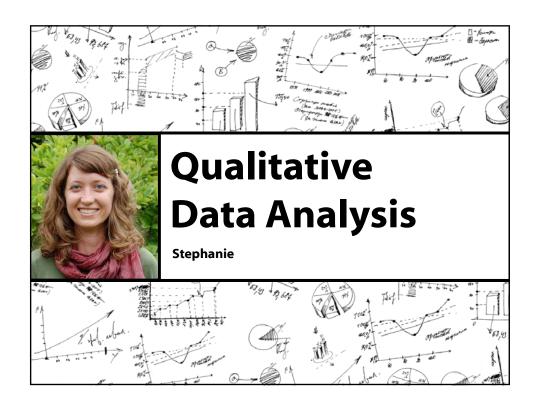






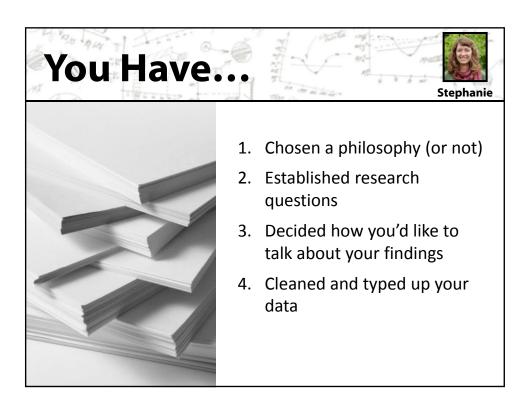




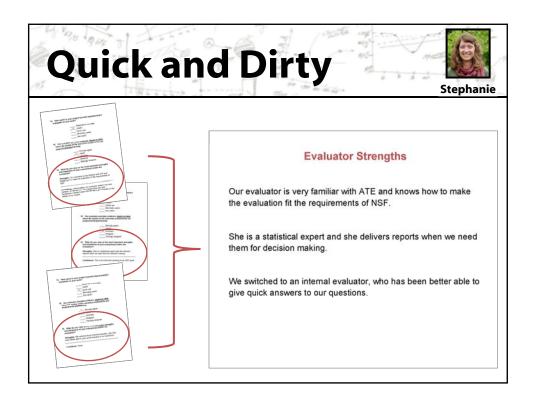






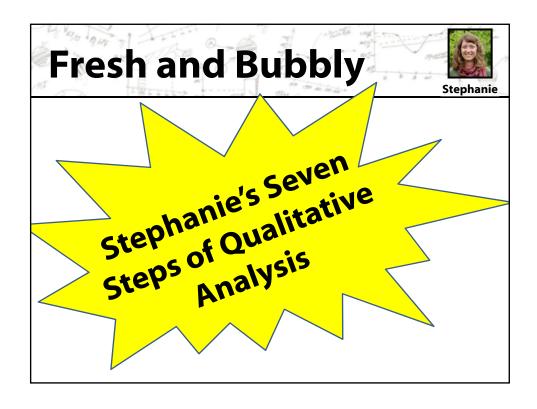


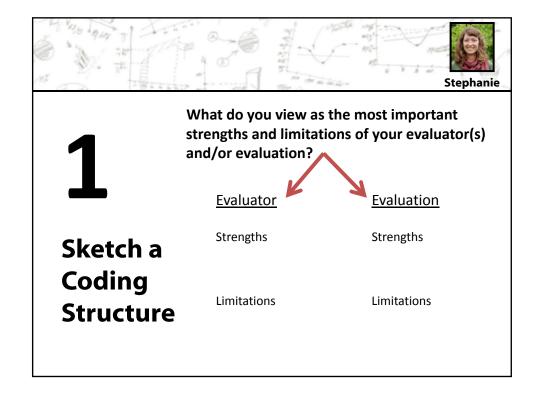




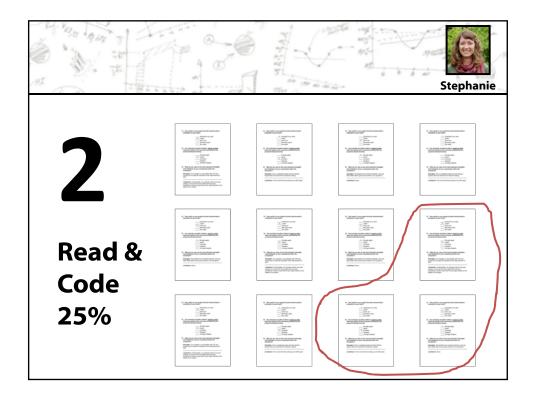


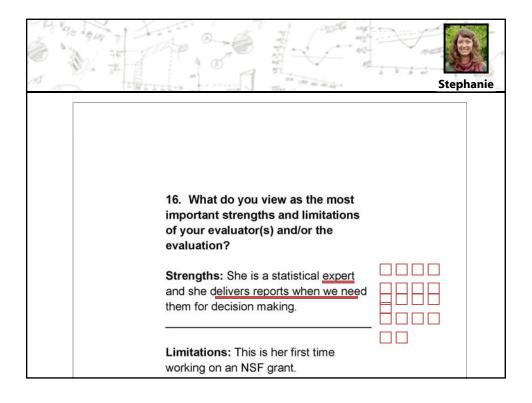


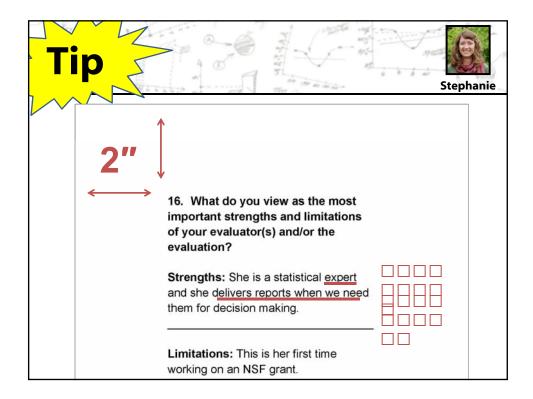


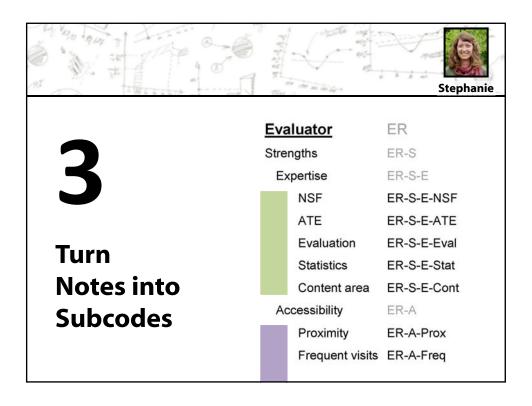


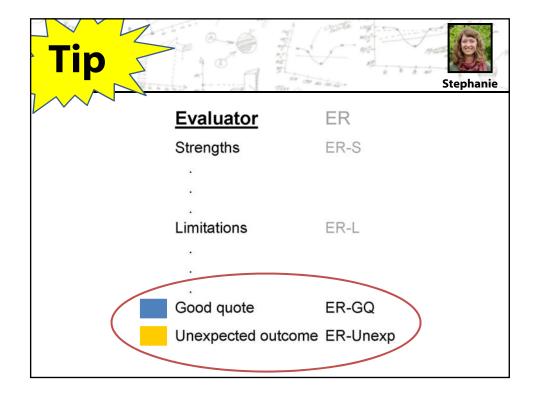




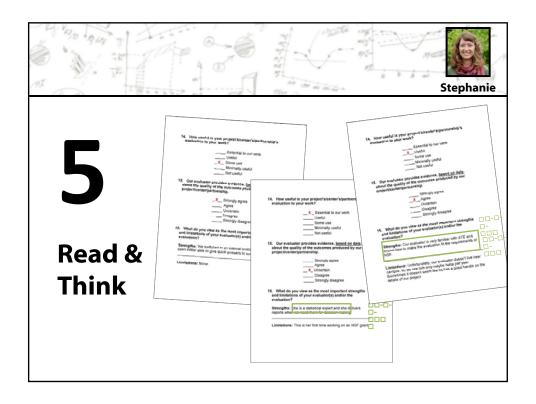


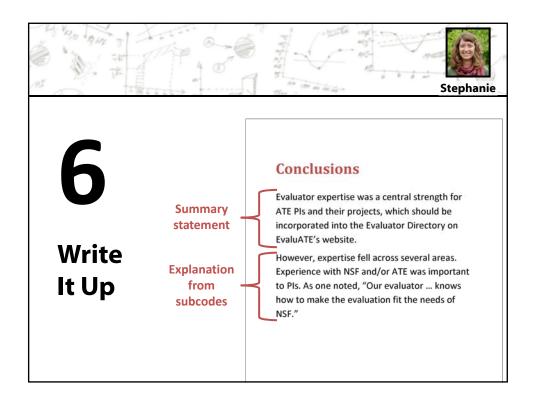






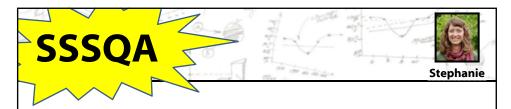












- 1 Sketch a Coding Structure
- 2 Read & Code 25%
- 3 Turn Notes into Subcodes
- 4 Read & Code Everything
- 5 Read & Think
- 6 Write It Up
- 7 Read It Again





Poll



What is your background with Google Analytics?

- A. I use it once a week.
- B. I use it once a month.
- C. I've used it a few times.
- D. It is linked to our site but I don't use it.
- E. I don't know if it is linked to our site.

Where Do I Start?



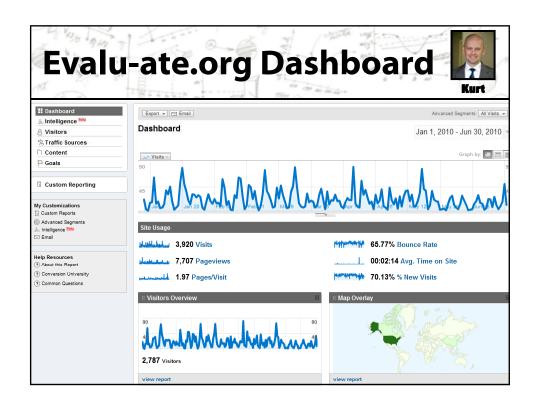
Search "Google Analytics Installation Guide" for step by step instructions.

URL will be on handout.

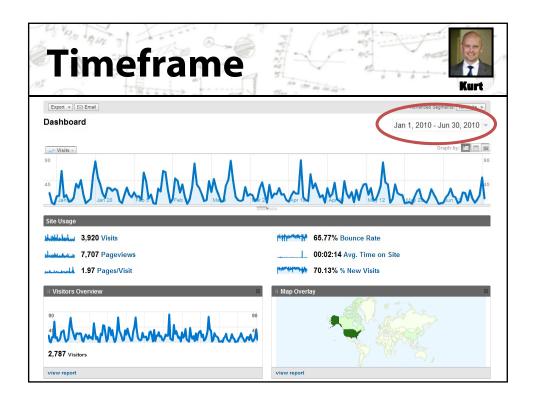
Evaluation Questions

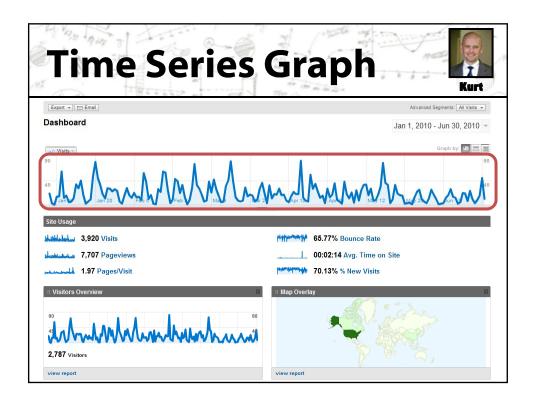


- 1. How many people are we reaching through the web?
- 2. Are people using our resources?
- 3. Did our promotion work?
- 4. How strong are our partnerships?
- 5. How engaged are people with our content?
- 6. Where are the people we are reaching located?

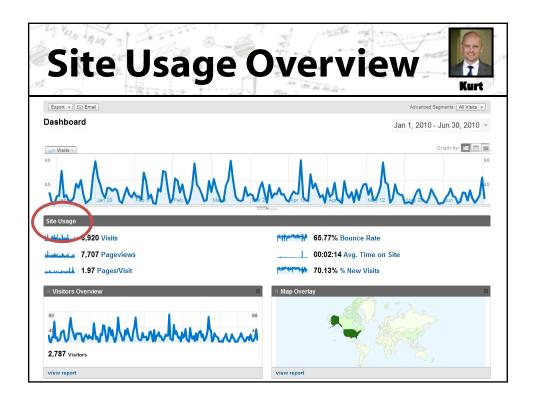


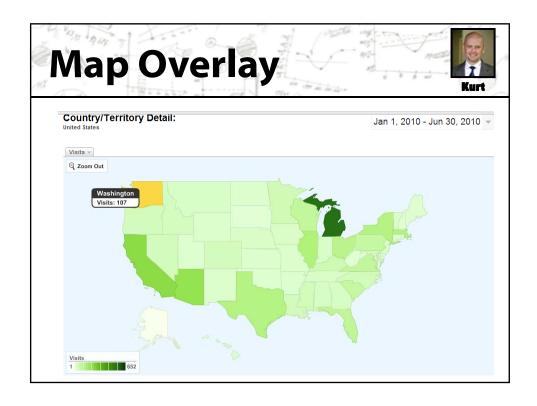










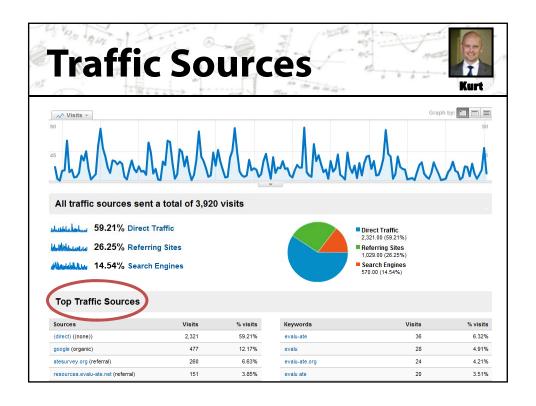


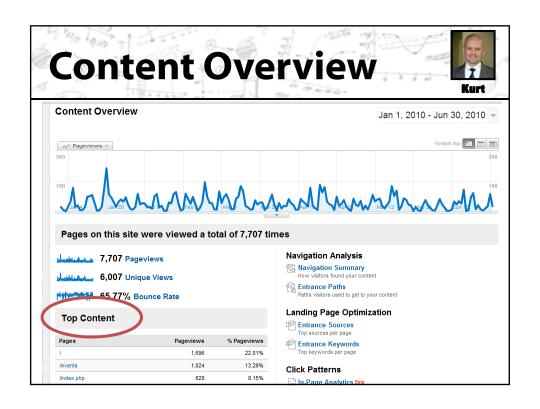




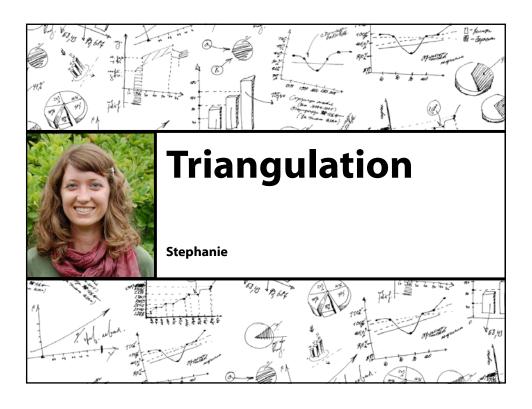




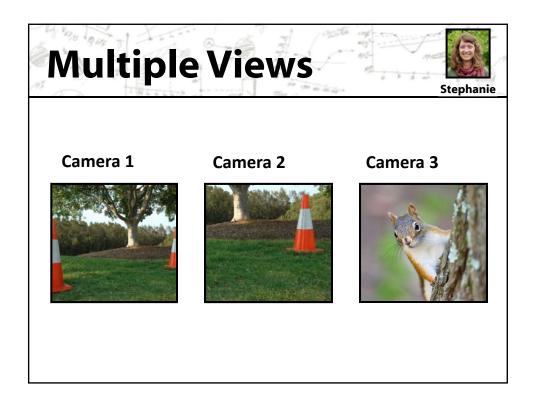


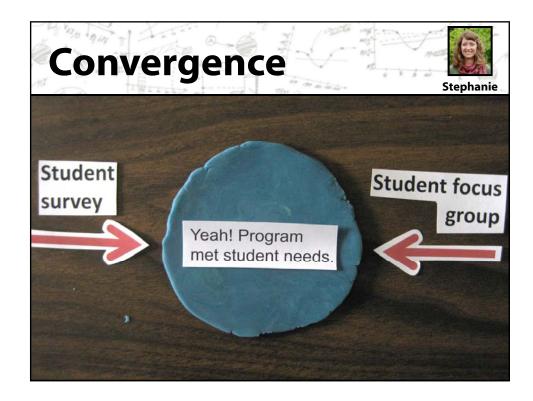


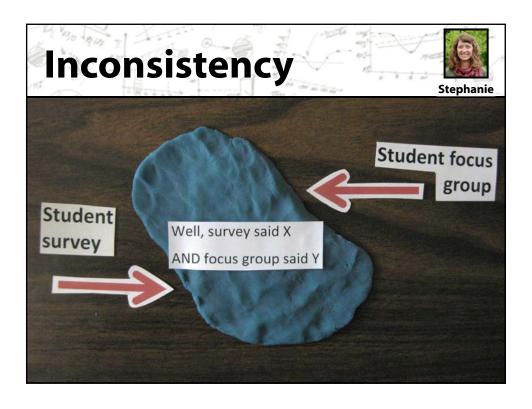


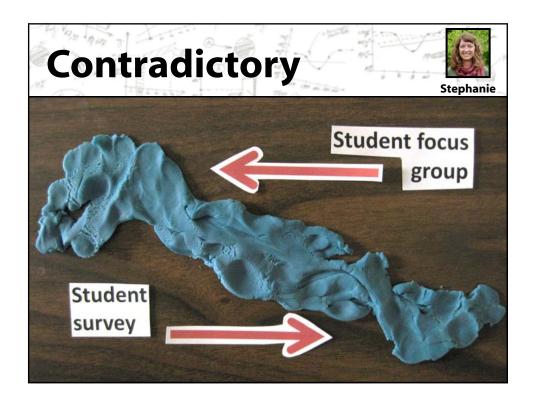










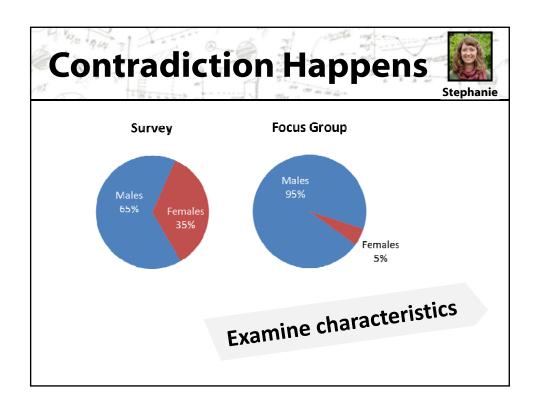


















Upcoming Webinars



March 16

Claims + Evidence: Assessing the Impact of Your ATE Grant

May 18

Developing & Validating Data Collection Instruments

Register at www.evalu-ate.org/events



AEA



Coffee Break Webinar Series

- Jan 20 Evaluating Data Visualization
- Jan 27 Photo Journaling for Evaluation
- Feb 10 Developing Evaluation Reports That Are Useful, User-friendly, and Used

Annual Conference

Oct 31-Nov 5 in Anaheim **Proposals due March 18**



Get more information/join at www.eval.org





Contributor	The state of the s
Sarah Butzen Right Brain Strategies	Author, presenter, slide designer (Quantitative Analysis)
Stephanie Evergreen EvaluATE @ Western Michigan University	Author, presenter, slide designer (Qualitative Analysis, & Triangulation); coordination and marketing
Patricia Negrevski EvaluATE @ Western Michigan University	Copyeditor
Mark Viquesney MATEC Networks @ Maricopa Community College	Webinar provider & technical coordinator
Kurt Wilson Compass Outreach Media	Author, presenter, slide designer (Website Data)
Lori Wingate EvaluATE @ Western Michigan University	Moderator, slide template designer

