Storytelling with Data: How to make your insights resonate

Dr. Elizabeth Housholder

Associate Director

Office of Assessment, Research, and Divisional Effectiveness

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Learning Outcomes

- Participants will be able to explain the impact of storytelling over reporting
- Participants will be able to apply storytelling principles to real-world datasets to drive datainformed decision-making
- Participants will be able to recall the key elements of a good data story

Let me tell you a story....

What happens when students select their own roommate?

17%

Higher satisfaction with roommate

22% Less likely to consider switching

roommates

Students who are satisfied with their roommate are 23% more likely to return to living on campus again next year

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Why does storytelling matter for assessment?

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YOUR COMPANY

Search report names 😳	Expect PDF												<< < > >>	/ 3 Fed.	
Examples	CategoryNa me	e M	onth 7	8	9	10	11	12	Total	1	2	3	4	5	6
 My Reports Shared With Me 	Dairy Products	Queso Cabrales	\$168		\$202	\$340	\$605	-	\$1,814	\$504	\$706	5504		\$1,953	_
		Mozzarella di Giovanni	5841	5945	\$556	\$2,502		\$2,419	\$7,263		\$1,390		\$695	\$1,914	
		Geitost	5170	588		516		5120	\$394	5238	540	524	5-40	\$133	
		Camembert Pierrot	\$1.053	\$2,067			\$3,690	\$3,019	\$10,064	\$1,632		\$1,632	\$3,604	\$1,190	
		Gorgonzola Telino	\$200	\$550		3850	\$1,200	51,640	\$4,440	5140	\$30	\$350	\$200	\$1,685	
		Raclette Courdavault	\$4,400	\$924	\$1,760	\$2,552		\$528	\$10,154	\$5,060	\$1,554	\$7,128	\$220	\$935	
		Mascarpone Fabioli	5154	1000	\$1,024	\$154			\$1,331				51,600	\$765	
		Queso Manchego La Pastora	\$365						\$365		5450			\$1,710	
		Flotemysost		\$344	\$86	\$1,204	586	52,789	\$4,489	51,290	51,410	\$206		5194	
		Gudbrandsdalsost			5662		\$1,858	\$1,670	\$4,291	\$1,058			\$288	\$1,005	
		Total	\$7,306	\$4,910	\$4,290	\$8,718	\$7,739	\$12,165	\$44,616	\$9,872	\$5.615	59.844	35,647	811,492	
	Grains/Cere als	Singaporean Hokkien I Mee	ned ssa		590	\$112	\$101		\$400	\$443		\$560	\$924		
		Gustaf's Knackebrod	\$101						\$101		\$207			3504	
		Ravioli Angelo	51.014	\$31		\$250	\$780		\$2,075	\$312	\$234		l⊋	\$95	
		Gnocchi di nonna Alice	561		\$730	\$365	\$608	51.155	\$2,918	\$3,192	52.523	\$1,520	\$5.518	51,140	
		Wimmers gute Semmelknödel		\$239		51.330	5931	\$798	\$3,298	5.186	91,889	51.011			
		Filo Mix				\$157		5112	\$269		3196		542		
		Tunnbröd				\$255	\$180	5250	\$756	\$432		\$259	\$72	\$810	
		Total	\$1,274	8277	\$879	\$2,501	\$2,600	\$7.353	59.818	\$4,570	\$5,043	\$3.350	36,556	\$2,552	
		Tofu	5167			\$353		31,060	\$1,581	\$1,246		5223	51,624		
		Manjimup Dried Apples	\$3,180	\$85		\$2,035	\$848	5763	\$8,911			\$1,950		52.86	
		Longlife Tofu	5456					5672	\$1,128	\$120	5240	\$128			
		Uncle Bob's Organic D Pears	1ed \$360					\$240	\$600		5354	\$720	51,500	\$30	
		Rössle Sauerkraut		\$728	\$1,165	\$510	\$1.565	5940	\$4,914	\$1.529	\$2,075	5655	\$3.010	\$31	



	What is Your Favorite Baseball Te					
	Toronto	Boston	New York			
Frequency Percent	Blue Jays	Red Socks	Yankees			
Boston, MA	11	33	7			
Row Percent	21.57%	64.71%	13.73%			
Montreal, Canada	23	14	9			
Row Percent	50.00%	30.43%	19.57%			
Montpellier, VT	22	13	14			
Row Percent	44.90%	26.53%	28.57%			
Column totals	56	60	30			
Column Percent	38.36%	41.10%	20.55%			





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GOOD DATA ARE PERSUASIVE COMMUNICATION

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Why does storytelling matter for assessment?



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Types of Data



Contact time with students

- Total number of students served
- □ Average number of visits per student
- □ Average time spent with students
- Percent of university population served



Faculty Experience

- □ Ease of working with office
- Understanding of process
- □ Referring students to office
- Training on accessibility



Exam center statistics

- Total number of students served
- □ Number of participating departments
- □ Number of participating faculty
- Percent of university population served



Student Experience

- Student satisfaction
- Understanding of process
- Classroom experiences
- Support provided by staff

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A good data story should:







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Identifying important problems

Thinking about your audience, your program, and your customers will help you identify important problems



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Audience considerations



ROLE

- Who is receiving this information?
- What is their role at the university?
- How much technical knowledge do they possess?

RELEVANCE

- What type of information is most relevant to each role?
- What problems are each role trying to solve?
- How do people in each role interact with your office?

REACTION

 What do you want your key audiences to do with the information you share?

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Program considerations



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Customer considerations

How do you know what your customers want?



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A good data story should:







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HOW TO EXPLAIN SO PEOPLE WILL REMEMBER

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HOW TO EXPLAIN SO PEOPLE WILL REMEMBER

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Connect emotionally with your audience



CHRISTINA

Use personal stories and customer testimonials to humanize data

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	RH	APT
My RA is visible in the community	3.99	3.43
My RA has made an effort to get to know me	3.61	3.18
My RA abides by the same rules and regulations	4.40	3.82
My RA enforces policies	4.18	3.63

Resident Ratings of Their Community Advisor



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The Chapman University Survey of American F

Belief in Conspiracies Percent of Americans who agree or strongly agree that the government is concealing information about...



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Resident Evaluations of Community Advisor

MAINTAIN HIGH DATA-INK RATIO







Hall Apartment

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Title



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Share relevant data



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A good data story should:







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Turning insight into action



Restate key conclusions



Suggest datainformed actions

6	
6	と

Plan for followup assessment

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Key Takeaways

- 1. Stories about data are more memorable, relatable, and persuasive than statistical reports
- 2. A good data story will do the following:
 - Identify a problem
 - Explain what you know about a problem
 - Offer solutions to the problem
- 3. Storytelling should be considered an essential part of any assessment project, not just an afterthought

THANK YOU!

Dr. Elizabeth Housholder

Associate Director Office of Assessment, Research, and Divisional Effectiveness

ehoushol@iastate.edu

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