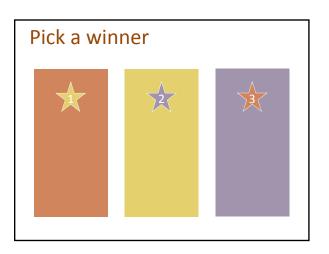
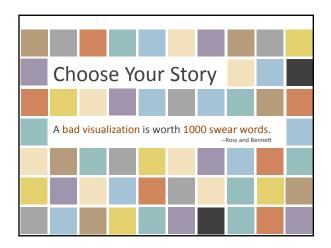
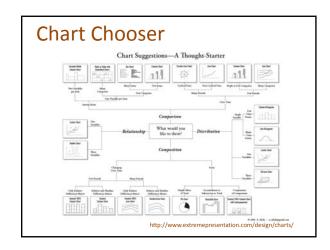
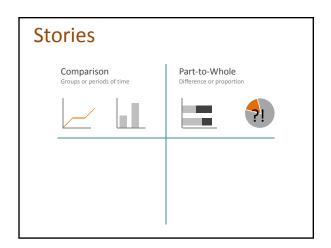


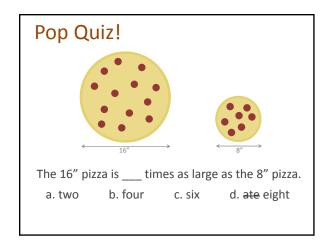
Percent S	Staff & S	Student C	Comparis	on by Etl	hnicity/R	ace				
School year	Hispanic/Latino		American Indian		Asian		Black		White	
	Staff	Student	Staff	Student	Staff	Student	Staff	Student	Staff	Student
2004 - 05	3.5	13.2	1.0	3.0	2.8	7.7	2.1	6.0	90.4	69.
2005 – 06	3.7	13.8	1.0	3.0	2.9	7.6	2.1	6.0	90.1	67.
2006 - 07	3.7	14.4	1.0	2.9	3.0	7.5	2.1	5.9	89.9	66.
2007 – 08	3.9	15.1	1.0	2.9	3.1	7.6	2.1	5.8	89.6	65.
2008 – 09	4.1	15.7	1.0	2.8	3.1	7.6	2.1	5.8	89.3	63.
2009 – 10	4.2	16.7	1.0	2.5	3.2	7.5	2.1	5.7	89.3	62.
2010 - 11	4.7	19.2	0.9	1.8	2.6	6.9	1.9	4.9	87.3	60.
2011 - 12	5.0	19.9	0.9	1.7	2.8	6.8	1.9	4.8	87.7	59.
2012 - 13	4.9	20.5	0.9	1.6	2.9	6.9	2.0	4.8	87.6	58.

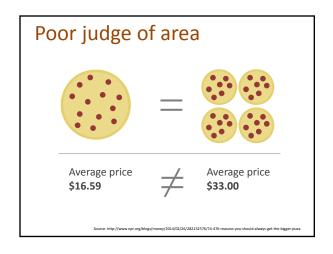


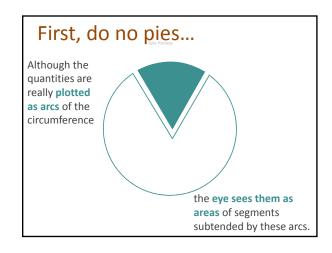


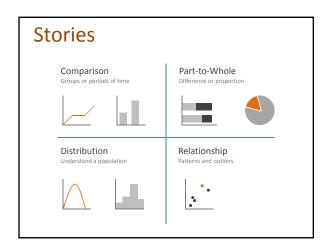




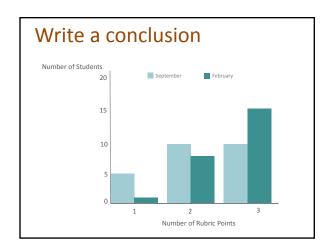


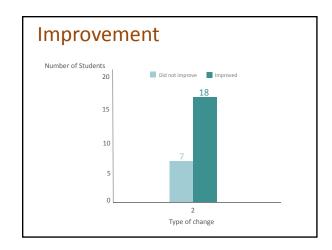


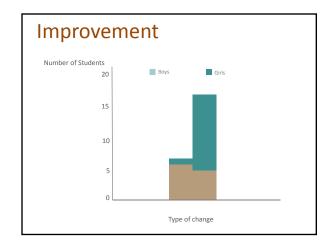


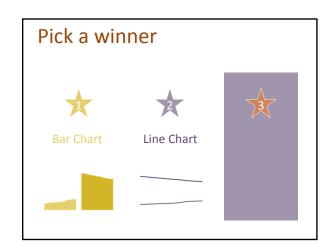


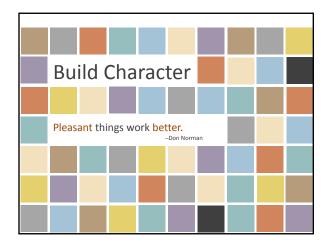


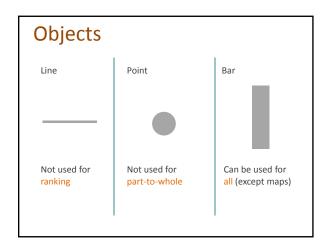






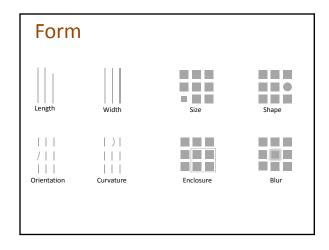


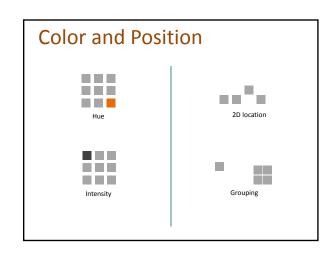








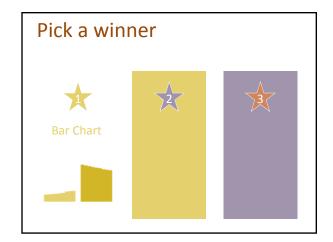


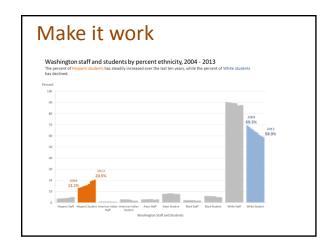


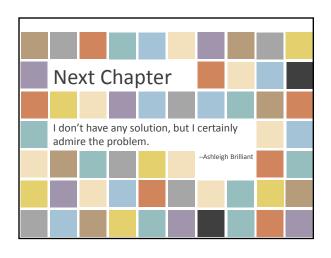
Data-to-ink ratio Above all else, show the data. -Edward Tufte									
Student	Item Number								
Student	1	2	3	4	5				
Anderson, Melanie	1	0	0	0	0				
Dalton, Craig	1	1	1	0	0				
Gallego, Peter	1	1	1	1	1				
Herrera, Sylvia	1	1	0	1	0				
LaCrosse, Martin	1	1	1	0	0				
Peterson, Michelle	1	0	1	1	0				
§anders, Karen	0	0	0	0	0				
Walters; Barren	0	1	1	0	0				
Wu; Alice	1	1	9	6	6				

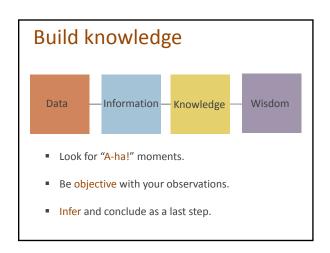
Color

- Use palettes that reflect the natural world.
- Use an accent color.
- Be careful with red.







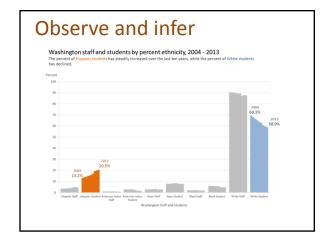


Make observations

- How do the data sets compare to each other?
- What are the commonalities among a given data set?
- What patterns or similarities are evident across the data sets?
- What inconsistencies or discrepancies (if any) are evident?
- What is not represented in the data?
- What questions do the data raise?

Develop inferences And I think this means that...

- What areas of the data need further explanation?
- What patterns or themes do you in in the observations?
- Which of the observations are most relevant and important to your inquiry?
- What assumptions might be underneath what you notice in the data?
- What clues might help explain missing data?





Remember

What you get out of your data is only as good as what you put in.

You can change education policy by improving data quality.





