



The Math of Data in the Workplace

Genetha Gray, Manager, Data Science & People Analytics Research

genetha.gray@salesforce.com

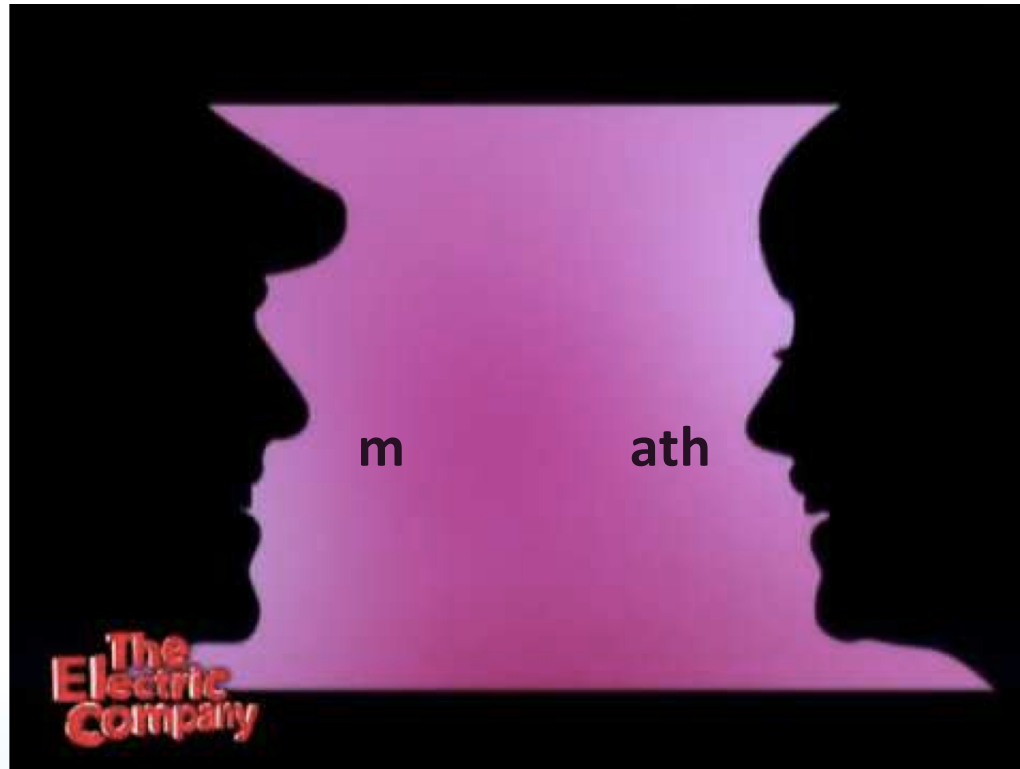
genethagray@gmail.com



Thank you



A Framing Story



A Framing Story

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A Framing Story

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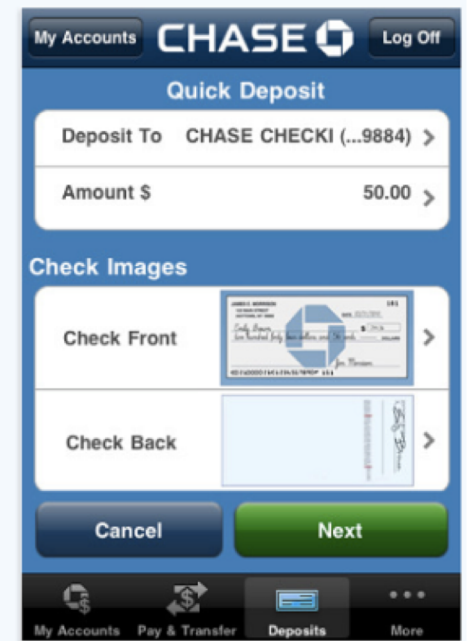
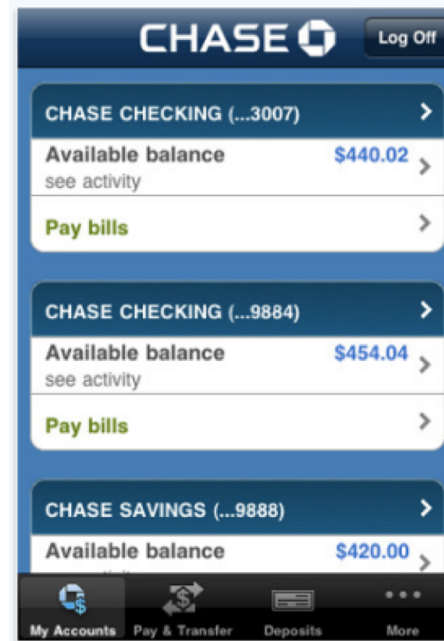
A word cloud centered around the word "math". The word "math" is the largest and most prominent. Other words include "Euclid", "Pythagoras", "Aristotle", "fraction", "circle", "volume", "graph", "multiply", "subtract", "decimal", "equals", "cylinder", "pie", "mass", "equation", "integer", "dividend", "triangle", "product", "formulas", "oval", "difference", "hyperbola", "greater than", "two dimensional", "proof", "ellipse", "inequalities", "cube", "rectangle", "three dimensional", "whole number", "pyramid", "subtrahend", "Ptolemy", "imaginary", "less than", "theorem", "parabola", "square", "quotient", "sum", "sphere", "addend", "axis", "geometry", "divisor", "algebra", "rhombus", "add", "angle", "factor", "prism", "base", "ten", and "minuend".

Thanks to Mayra Mares, Pinterest

And now...



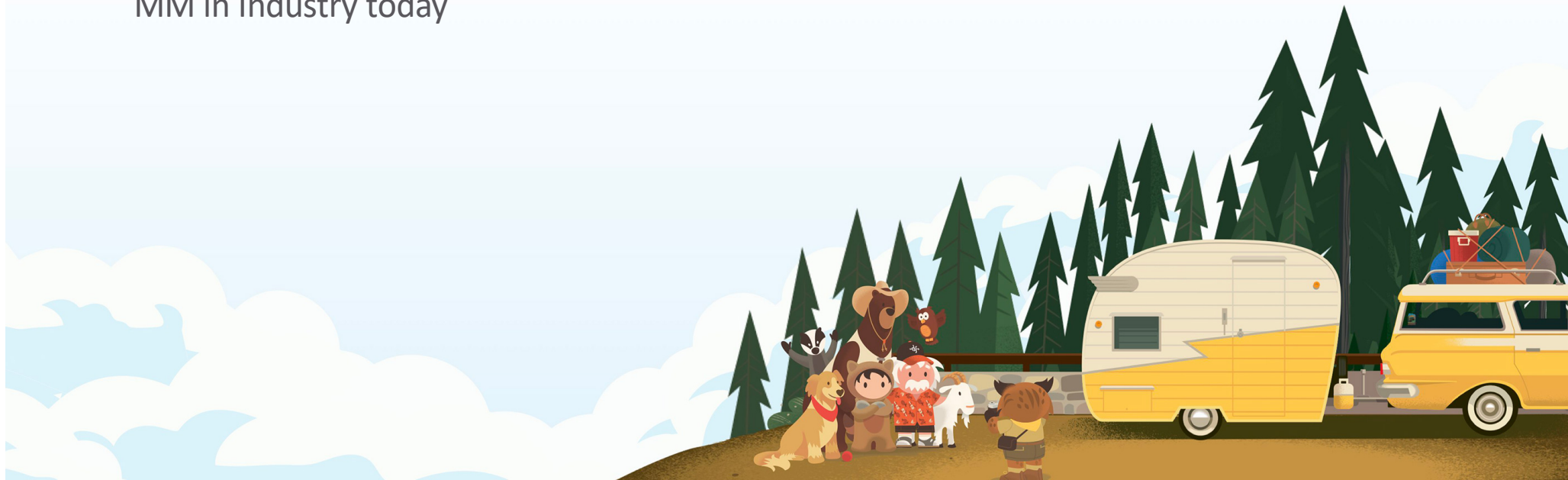
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Math is cool because it allows you to “deal with” data...

MM in Industry today



Dealing with Data

Collect

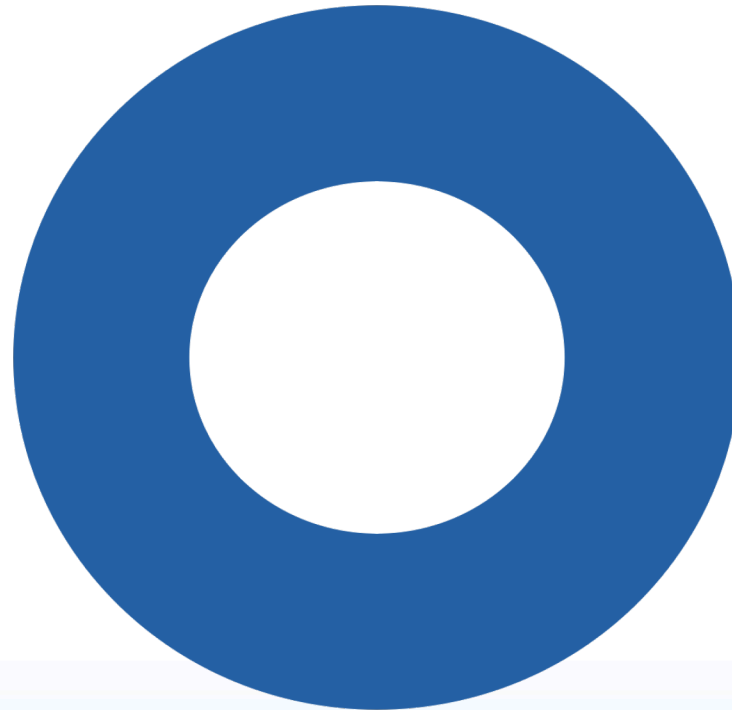


Report

Store

Analyze

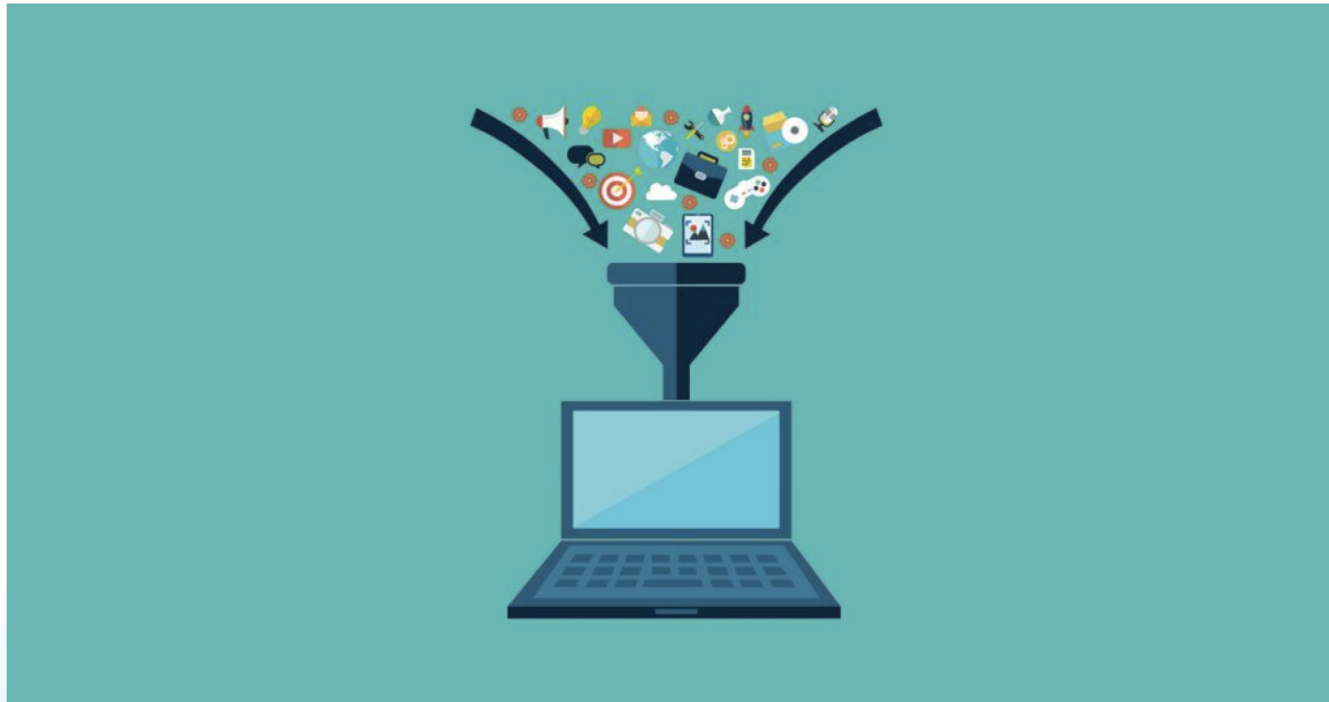
Protect



Retrieve



Collect & Retrieve



Store & Protect



Analyze & Report

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65%
of the population
are visual learners



McKnight Kurland



Practice Teamwork



Final Thoughts

Improved Preparation

- Extend beyond the traditional word problem
- Rethink what is meant by answer
- Work with messy problems
- Work in teams
- Present results- written and oral

Improved Image

- Tell stories
- Give examples



thank you

