

Data in Zettabytes



Social Science

Social Statistics Trend Scouting

Strategic

Foresight

Generational

Foresight

Data Analytics

Data Mining











Let's play Schrödinger's cat!





Probability the last cat is alive? Probability 50 out of 100 will be alive?







April 18, 2017 Tomas Ondrejka
Career, Entrepreneurship, Famous Resumes

Elon Musk's Resume of Failures Proves That Your Failures Aren't Big Enough



Descriptive

Predictive

Prescriptive

creates a summary of historical data.

Identifies the likelihood of future outcomes based on data mining, algorithms and machine learning techniques

finds the best course of action for a given situation



Judging a survey relevance – validity - reliability

- What is being asked?
- Who are asked?
- How are they being asked?
- How is it interpreted?



Norwegian media barometer

Relevance

Does it answer what you *really* need to know?

UPDATED

April 20, 2017

NEXT UPDATE

Currently not determined



watching television on average

Share that has used different mass media an average day (9-79 years)					
		percent			
	1991	2000	2015	2016	
Printed	84	77	42	39	
Television	81	82	67	67	
Radio	71	57	59	59	
audio media	43	50	38	37	
weekly magazine	21	17	7	5	
Books	24	20	23	25	
Journal	18	14	8	8	
comic Blade	11	9	3	3	
Series / Movie / Video ¹	10	10	21	26	
Internet		27	87	89	

<u>Do</u> pay for a professional census-representative sample



Text mining marries qualitative and quantitative methods





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Predictive Weak Stonals Scanning						
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0011 01 0	1.	Determine outliers	Novelty and detection algorithms, discriminant analysis, ethnographic approaches, desk research or brainstorm			
	2.	Identify relationships to other variables	Use association rules to see how outliers are tied to more frequently occurring data.			
0 01 10C 1100	3.	Identify emerging clusters and segments	Use co- occurrences to identify clusters or segments. Cluster Analysis (K-means, Hierarchical clusters)			
010001 1001100 0001110 0101010 0100100 0101000).)0()(4 .)11)11	Explore target segments	Capture behavioral and attitudinal data via surveys, web-scraping etc. to examine direction of outlier trend			
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Multilayer Perceptrons / Neural Networks









In a time of drastic change it is the (machine) learners who inherit the future. The learned usually find themselves equipped to live in a world that no longer exists

~ Eric Hoffer