

Data Drives Our Decision-Making

School of Information Studies
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Additional Data Sources



More Data Points



Improved
Decision-Making
Capabilities

More Data Better Insights

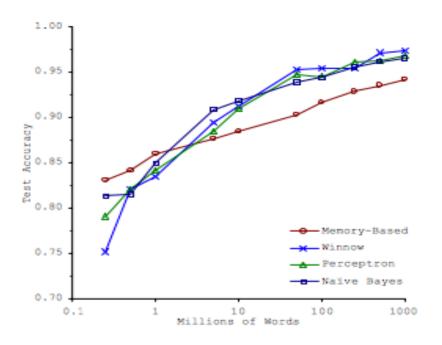


Figure 1. Learning Curves for Confusion Set Disambiguation

Banko & Brill, 2001: "Algorithms Predict Better With Larger Data Sets"



Alon Halevy, Peter Norvig, and Fernando Pereira, Google

Halevy, Norvig, & Pereira, 2009: "Data Set Size Matters More Than Algorithms"

But Added Complexity Makes Decision-Making Difficult

Additional Data

Increased Complexity

More Time and Resources to Get to Decision