APPLIED DATA STORYTELLING TECHNIQUES IN POWER BI





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Data Analyst @ Pandora
Behavioral Economist



twoday kapacity



Fellowaind















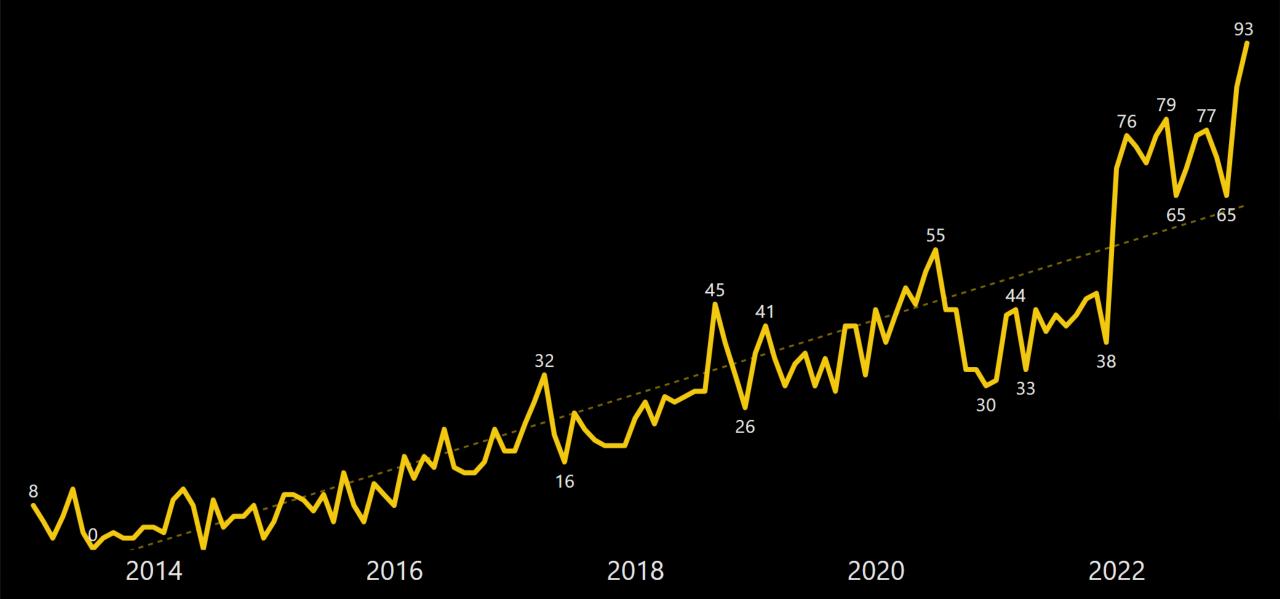






PANDÖRA

The **popularity** of the term "**Data Storytelling**" on Google has increased by **191** % since **December 2019**.



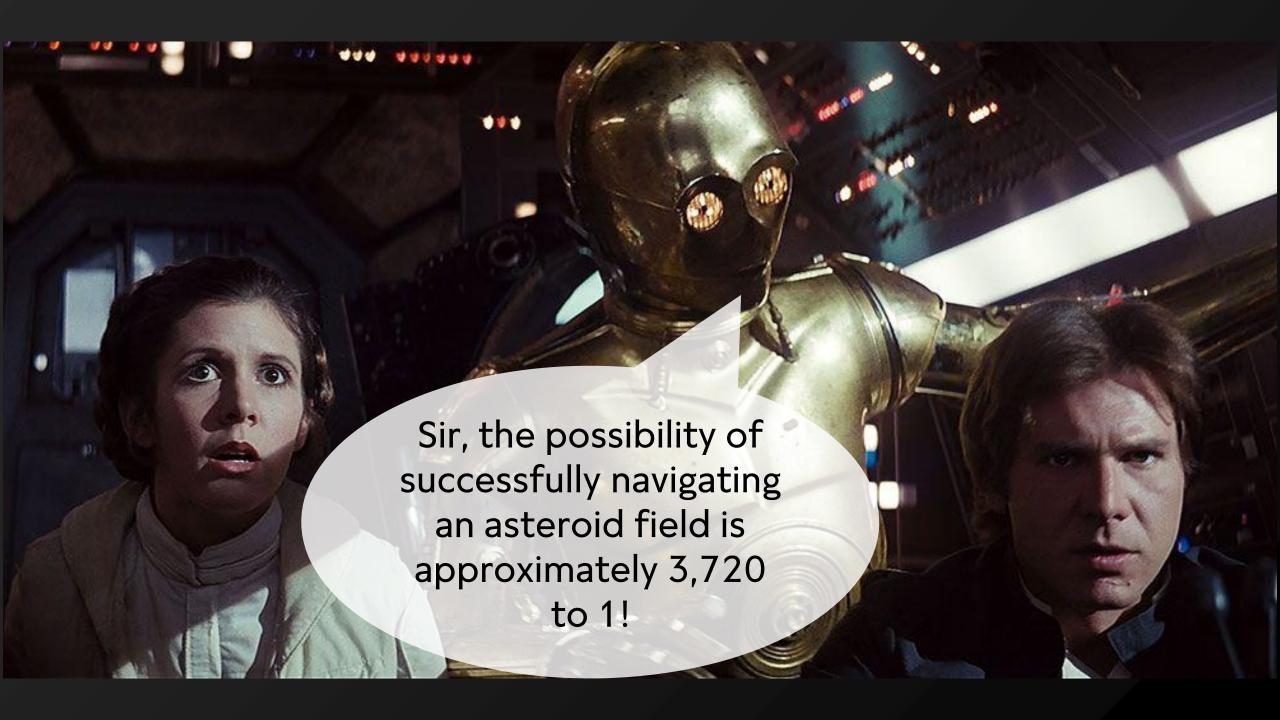
Data Storytelling Definition

"Data storytelling is the concept of building a compelling narrative based on complex data and analytics that help tell your story and influence and inform a particular audience."

"Data storytelling is the concept of building a compelling narrative based on complex data and analytics that informs communicates insights to a particular audience."

"Data storytelling is the concept of building a narrative based on data that communicates insights to a particular audience."













1. Cherry-picking Insights



- 1. Cherry-picking Insights
- 2. Biased data



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- 3. Lack of narrative



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- 4. Lack of visual anchor



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Many forms of data communication fail

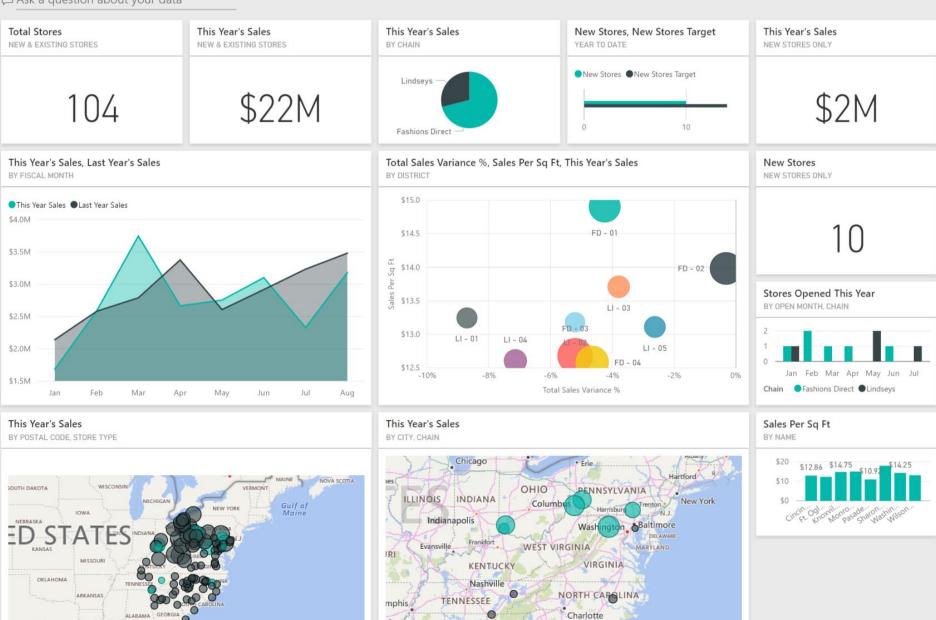
- -Reports
- -Dashboards
- -PowerPoints
- -Etc.



TEXAS

LOUISIANA

Ask a question about your data



SOUTH CAROLINA

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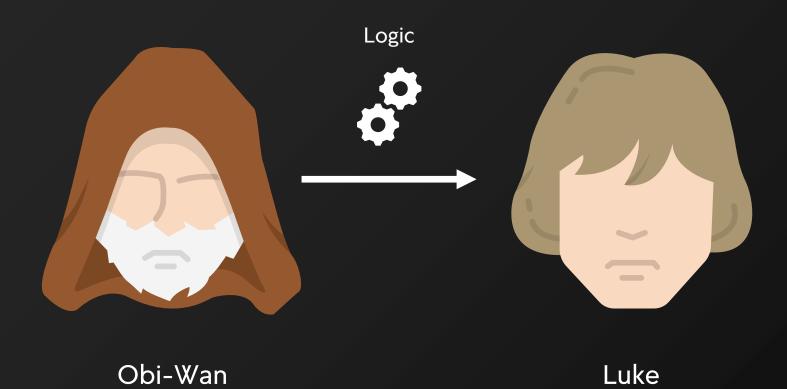
Luke

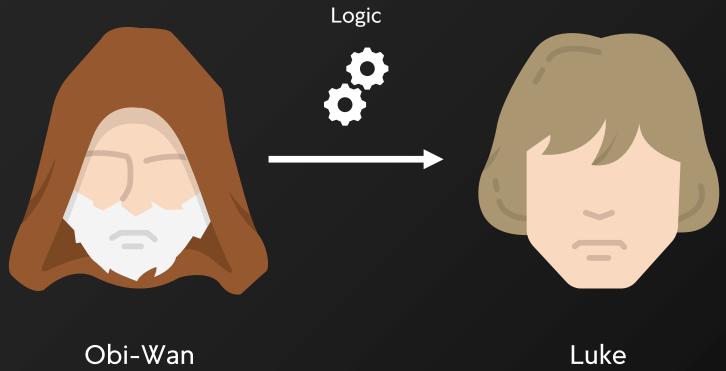


Obi-Wan



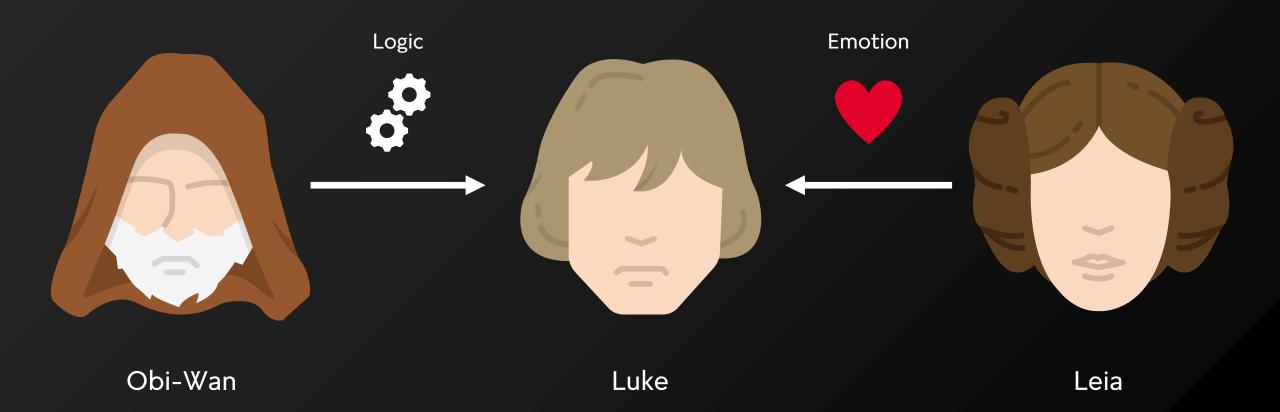
Luke







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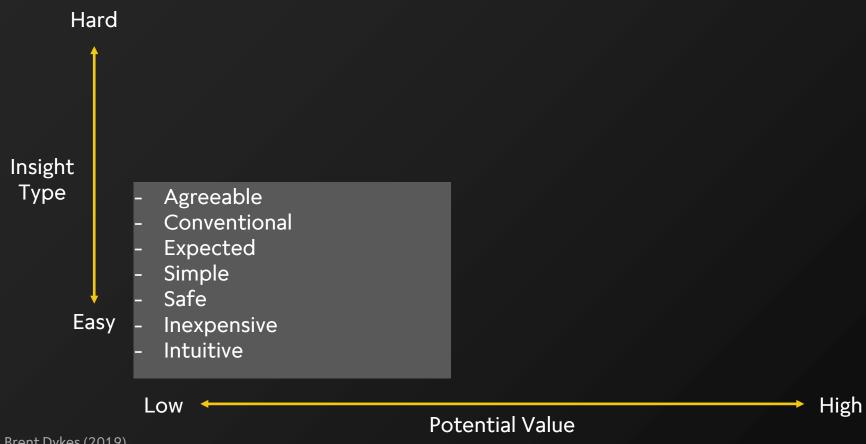
Misuse of the term "Data Storytelling"

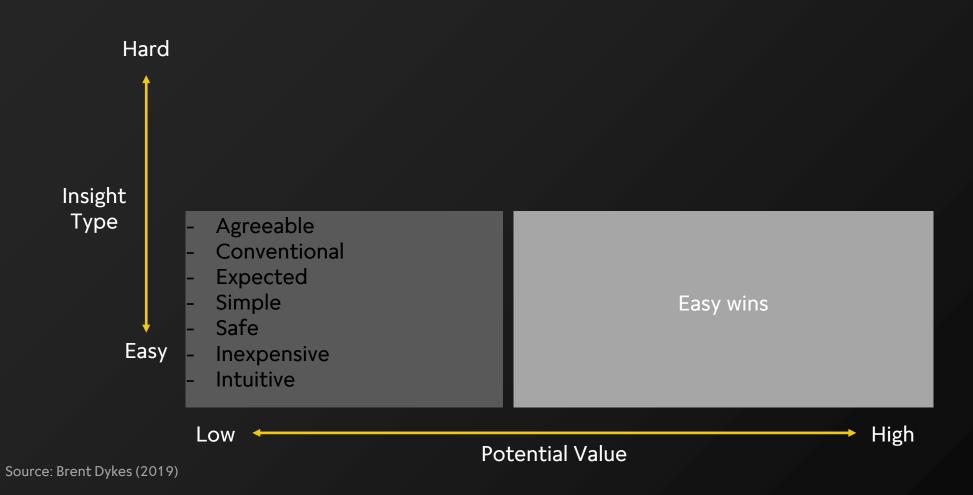
Data storytelling is a tool like any other.

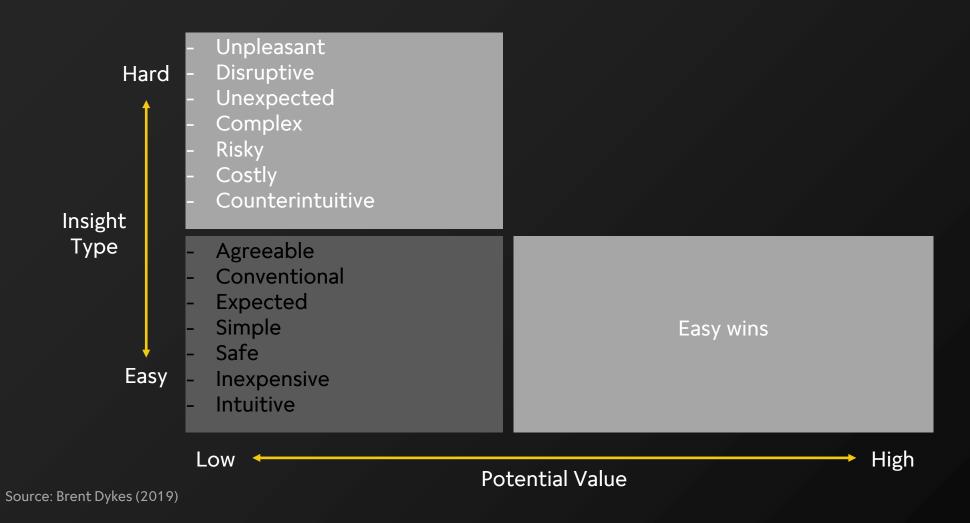


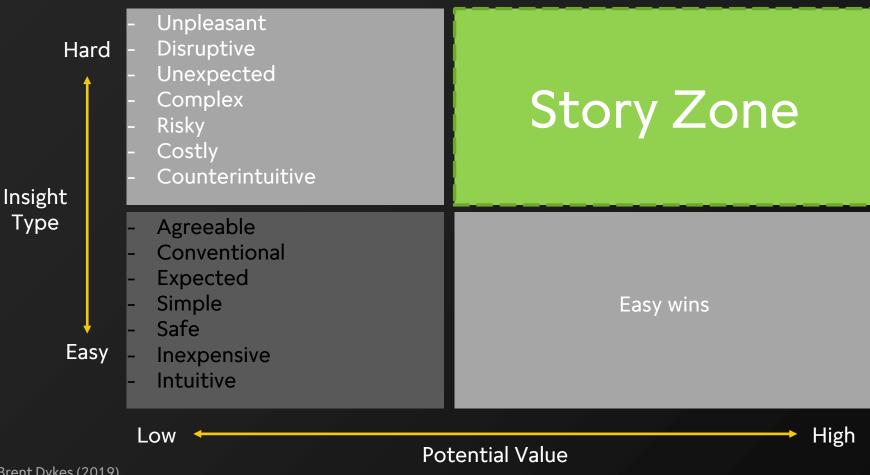












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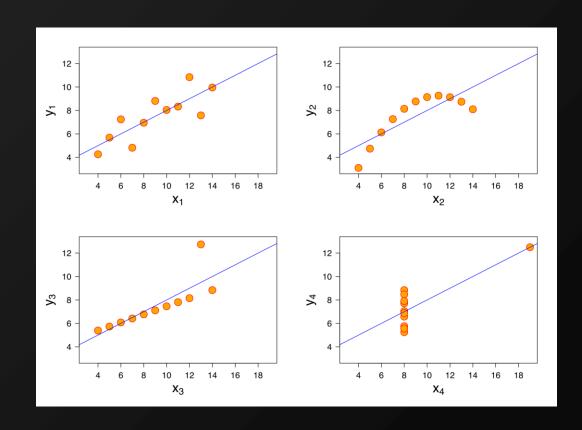


Ancombe's Quartet

1		II		ı	III	IV	
X	y	X	y	X	у	Х	у
10.0	8.04	10.0	9.14	10.0	7.46	8.0	6.58
8.0	6.95	8.0	8.14	8.0	6.77	8.0	5.76
13.0	7.58	13.0	8.74	13.0	12.74	8.0	7.71
9.0	8.81	9.0	8.77	9.0	7.11	8.0	8.84
11.0	8.33	11.0	9.26	11.0	7.81	8.0	8.47
14.0	9.96	14.0	8.10	14.0	8.84	8.0	7.04
6.0	7.24	6.0	6.13	6.0	6.08	8.0	5.25
4.0	4.26	4.0	3.10	4.0	5.39	19.0	12.50
12.0	10.84	12.0	9.13	12.0	8.15	8.0	5.56
7.0	4.82	7.0	7.26	7.0	6.42	8.0	7.91
5.0	5.68	5.0	4.74	5.0	5.73	8.0	6.89

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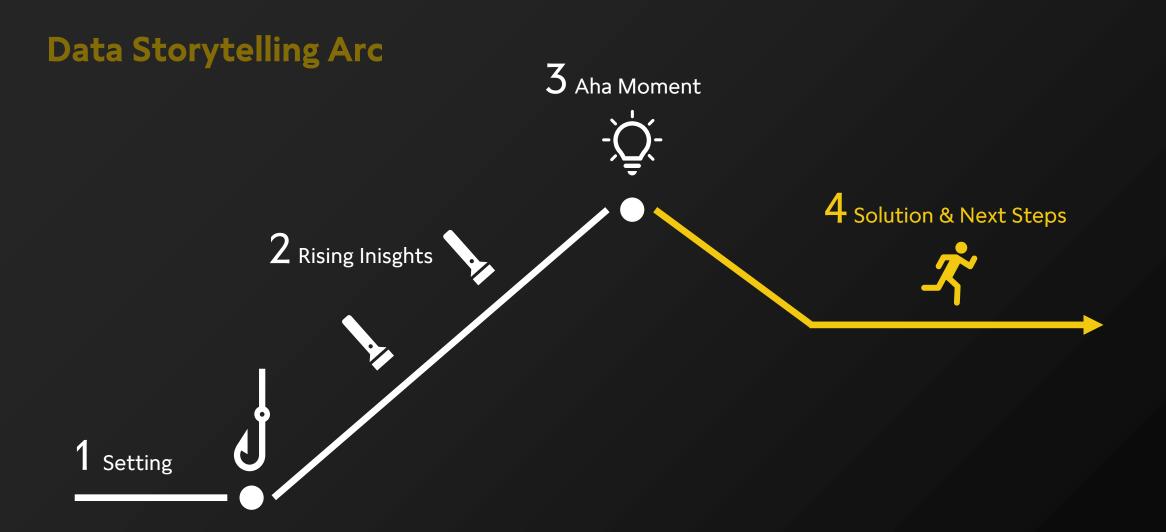


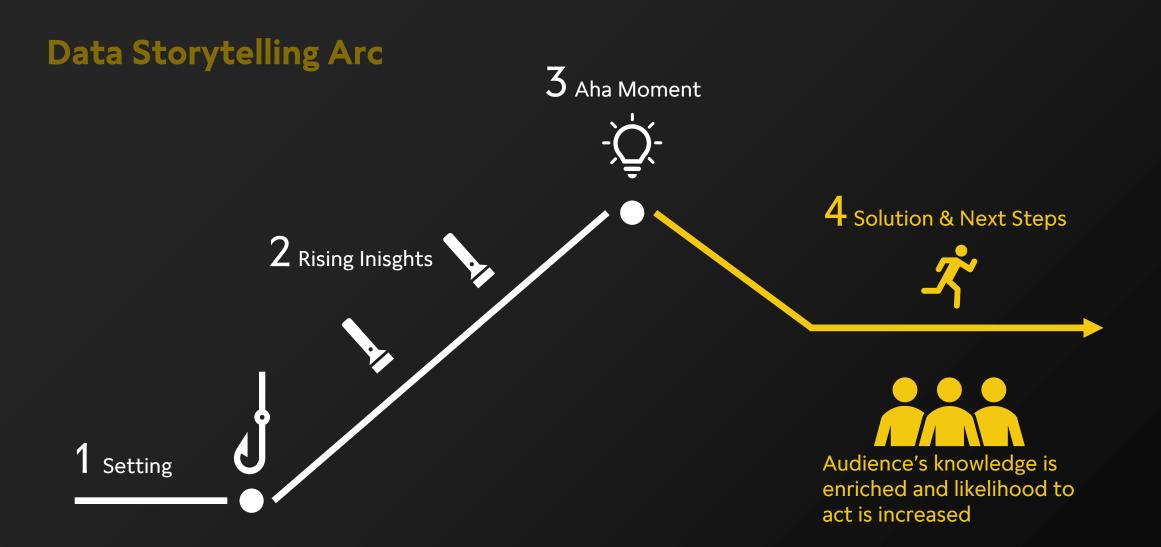
1 Setting





Data Storytelling Arc 3 Aha Moment 2 Rising Inisghts 1 Setting

















Data Foundation Main Point Explanatory Focus Linear Sequence Dramatic Elements Visual Anchors













	Data Foundation	Main Point	Explanatory Focus	Linear Sequence	Dramatic Elements	Visual Anchors
Data Presentations	Yes	Maybe	Often	Often	Maybe	Yes
Curated Reports	Yes	Maybe	Often	Maybe	Maybe	Yes
Infographics	Yes	Maybe	Maybe	Maybe	Maybe	Yes
Data Visualizations	Yes	Maybe	Maybe	Maybe	Maybe	Yes
Automated Reports	Yes	No	No	No	No	Yes
Alerts	Yes	Yes	No	No	No	Maybe













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DEMO



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Thank you!

Any questions?