Disorganized Noize: Data Therapy

Charles Lakes, The II Lakes Group



Analyst:

Software Engineer

Community Speaker

Microsoft 365 Blogger

Middle-child



Agenda:

Data, Data, Data

Ideal v. Imperfect

Automation + AI + BI



Building:

Data, Data, Data

Data, Data, Data kilobyte (KB)

megabyte (MB)

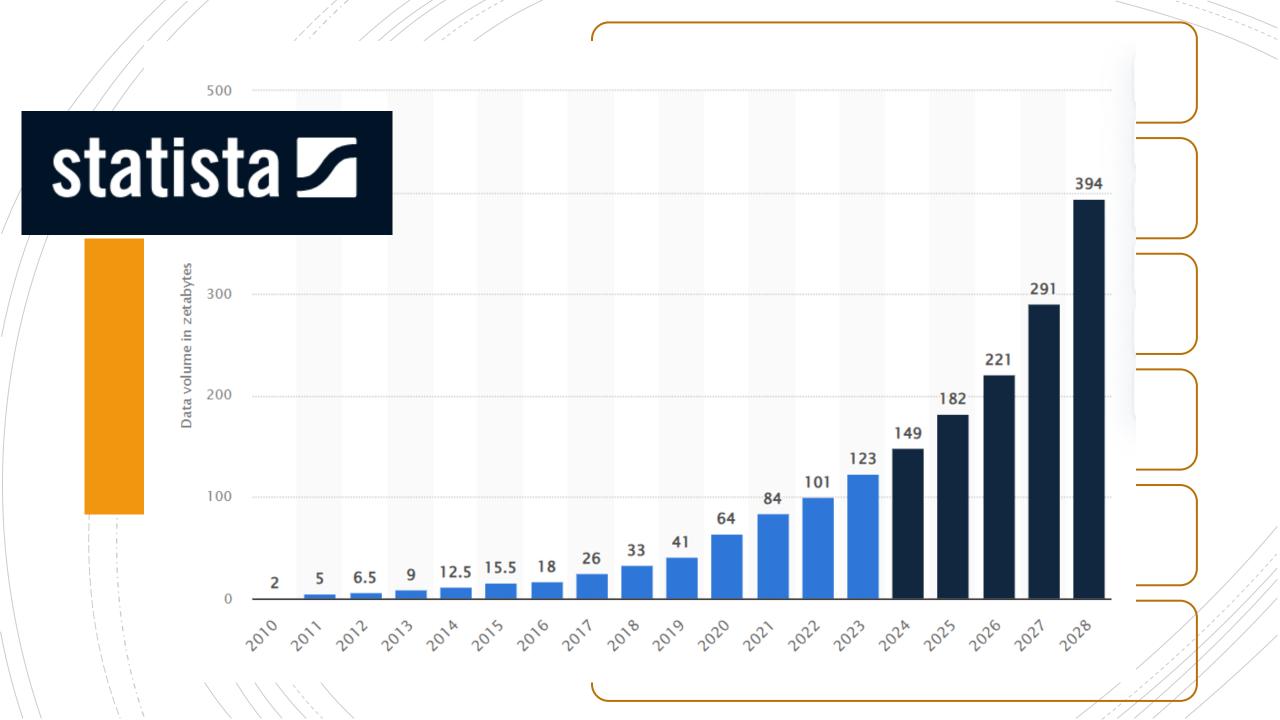
gigabyte (GB)

terabyte (TB)

petabyte (PB)

exabyte (EB)







Color Grade

Clarity Grade

Cut Grade

Carat Weight

Color Grade:

Data Hygiene

- "... refers to the process of cleaning datasets or groups of data to ensure they're as accurate and organized as possible."
 - Indeed

Clarity Grade:

Data Integrity

- "... is the accuracy, completeness, and quality of data as it's maintained over time and across formats."
 - Harvard Business Review

Cut Grade:

Data ROT

- "... refers to the digital information that has little or no business value to the organization but is still stored."
 - ManageEngine

Carat Grade:

Data Leakage

"... is the transmission or exposure of data and information to an unauthorized or unintended recipient."

- IRS



Goal-setting:

Automation + AI + BI

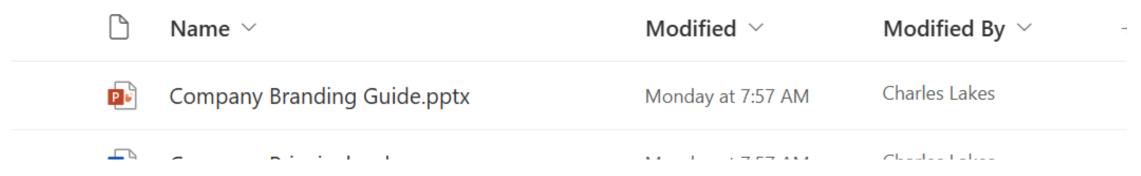


- "Information describing the characteristics of data."
 - National Institute of Standards and Technology (NIST) Computer Security Resource Center (CSRC)

Demo w/o Metadata > College Park, GA 30349 - Taps on Main > Marketing > Final &

	Name Y	Modified ~	Modified By $^{\vee}$	+
P	Company Branding Guide.pptx	Monday at 7:57 AM	Charles Lakes	
W	Company Princicples.doc	Monday at 7:57 AM	Charles Lakes	

Demo w/o Metadata > College Park, GA 30349 - Taps on Main > Marketing > Final &



Demo w/ Metadata

		Name Y	Department \vee	Client Name 🗡	City Name 🗡	State Abbr $^{\vee}$	Zip Code 🗸
	X	2019 EOY Reports.xlsx	Accounting	Downtown Books	Decatur	GA	30035
	XIII	2020 EOY Reports.xlsx	Accounting	Downtown Books	Decatur	GA	30035
	X	2021 EOY Reports.xlsx	Accounting	Downtown Books	Decatur	GA	30035
	X	2022 EOY Reports.xlsx	Accounting	Downtown Books	Decatur	GA	30035
	P	Company Branding Guide.pptx	Marketing	Taps on Main	College Park	GA	30349
	W	Company Princicples.doc	Marketing	Taps on Main	College Park	GA	30349

Demo w/o Metadata > College Park, GA 30349 - Taps on Main > Marketing > Final &

Demo w/ Metadata 🛝 🗸

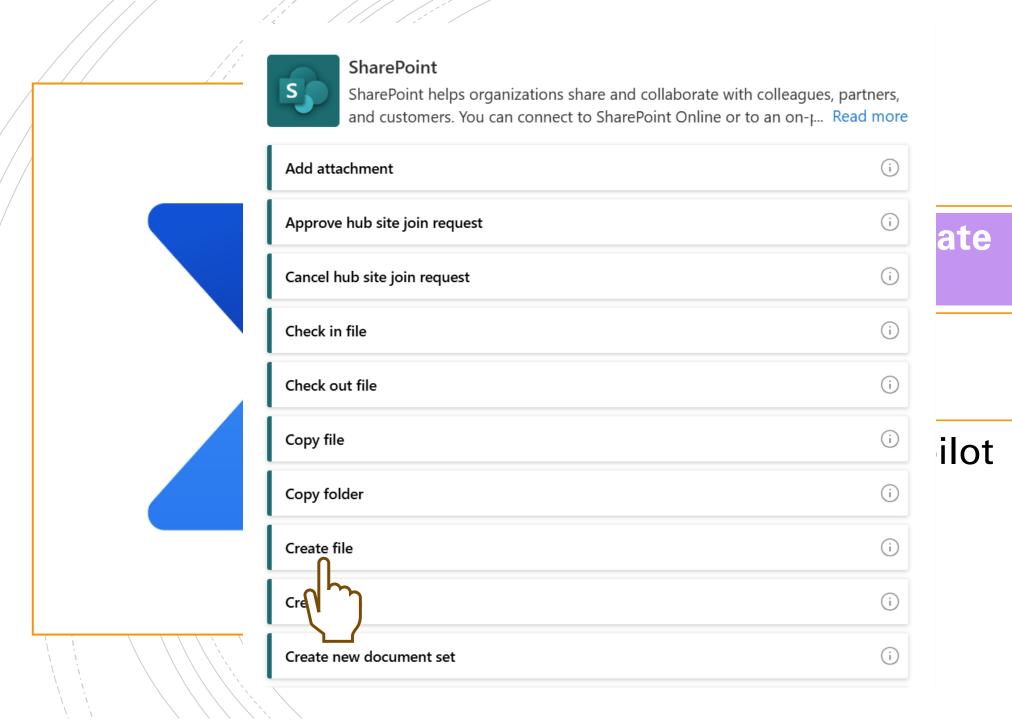
	~		Name Y	Department \vee	Client Na ↓ 堹 ∨	City Name ∨	State Abbr 🗸	Zip Code $^{\vee}$	
	~	Clie	nt Name : Taps on Main (2)						
		P	Company Branding Guide.pptx	Marketing	Taps on Main	College Park	GA	30349	
		WE	Company Princicples.doc	Marketing	Taps on Main	College Park	GA	30349	
	~	Clie	nt Name : Downtown Books (4)					_	
		X	2019 EOY Reports.xlsx	Accounting	Downtown Books	Decatur	GA	30035	
		XII	2020 EOY Reports.xlsx	Accounting	Downtown Books	Decatur	GA	30035	
		X	2021 EOY Reports.xlsx	Accounting	Downtown Books	Decatur	GA	30035	
		Δ	ZUZZ EUT NEPUTS.XISX	Accounting	DOMIIFOMII DOOKS	Decatui	UA.	20022	
		P	Company Branding Guide.pptx	Marketing	Taps on Main	College Park	GA	30349	
		W	Company Princicples.doc	Marketing	Taps on Main	College Park	GA	30349	



Power BI



Power BI





Power BI

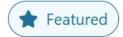
Modeling File Home Insert View New Quick New New visual Manage relationships calculation < measure measure column Relati hips Calculations



Power BI

Add knowledge

Add knowledge so your agent can provide more relevant information and insights. Once set up, other people with edit permissions for this agent can reuse these knowledge sources for additional topics. <u>Learn more about knowledge sources</u>









X



Public websites

Add public websites for real-time answers



Dataverse (preview)

Customize and deploy structured data tables

Upload files

Only text-based files are supported; images, audio, video, or executables are not. Files will be securely stored in Dataverse.

↑ Drag and drop a file here or <u>click to browse</u>

Up to 512MB per file



Wrapping Up:

Data, Data, Data

Ideal v. Imperfect

Automation + AI + BI

Thank you.

I am a technical speaker and low-code advocate with a procode background. I have a passion for sharing my knowledge and experiences, solving complex problems, and engineering creative solutions. I help organizations of all sizes modernize their business architecture and reimagine their legacy processes.

Software Engineer Plus Ultra Soufside









Charles Lakes, The II Lakes Group