

Al & Tourism Definitions and Realities

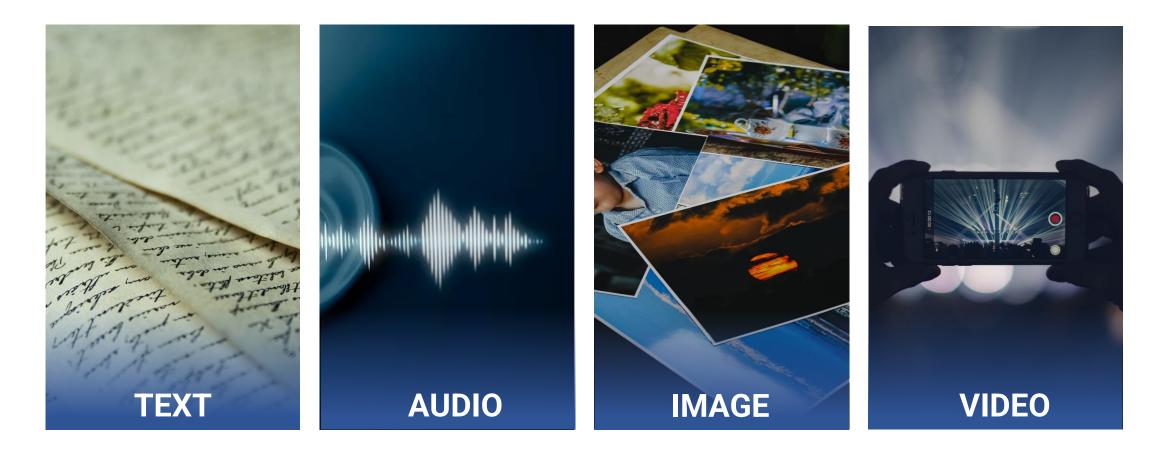
November 8, 2023

Presenter: Michalis A. Michael GIHE Research Fellow

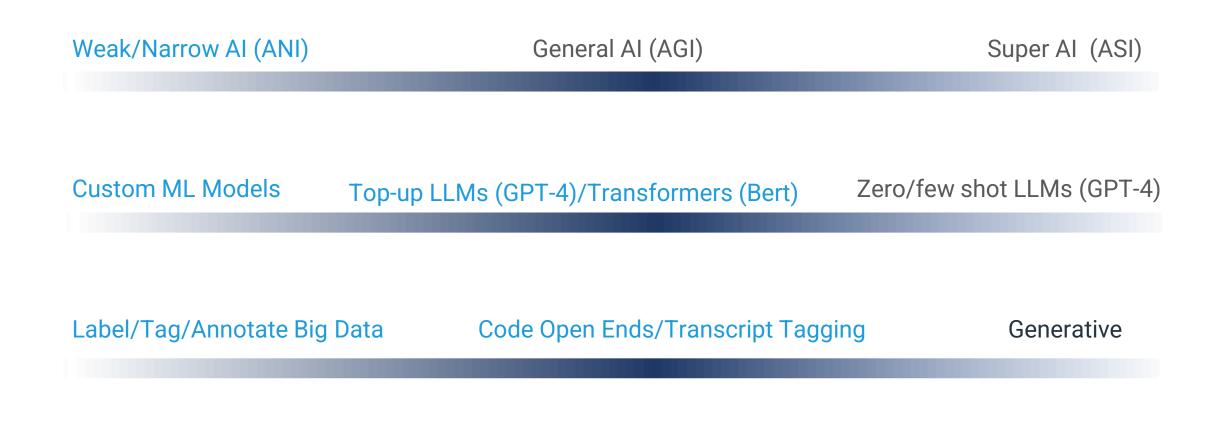
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UNSTRUCTURED DATA

Over 90% of all recorded human knowledge is **unstructured data**



Ways to Classify and use Al for Insights



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Sources of Unstructured Data



SOLICITED OPINION FROM MR

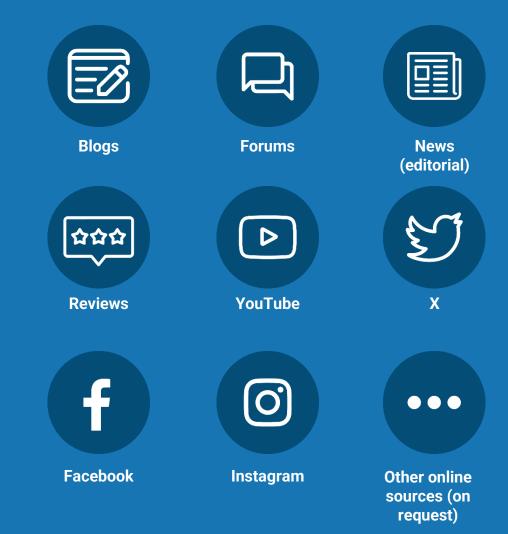


Survey Responses to open ends



Qualitative Research Transcripts

UNSOLICITED OPINION FROM ONLINE SOURCES



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C	lick	p Topics ck a Topic to Drill-Down to the Next Le) the	Nex	kt Le			14.83%		52.30%	C	
COC 1 7	14,021										vide	• 26,646	Time Period 1 July - 31 August 2023			g <mark>((24</mark>	
		45,333									review	s 5,118	Unstructured Big Data on Switzerland				
				24,233	22,296	,296					faceboo Redd	k 3,182 it 2,675	on	Switze	riand		
				5	22	13,143	13,145 13,071	11,196	11,196 10,476	9,760	Source Type		Conten	ıt			
											reviews	Insanely terrible and I have made all the my destination no help offered I had to					
		nts	investments	noi	cs		sport	N.	5	als	reviews	We travel a lot and we choose to stay a Lucerne was my third stop in Switzerlar					
initial		ban		recession	politics		sp	crisis		and	board	If you google image Switzerland infinity pool the main result is Hotel Villa Honegg which is not in the BO but above Lake Lucerne. This is the most Instagramed pool in Switzerland so may be what your friend is thinking of. The pool at the spa at Rigi (Rigi Kaltbad).					
14	5			rec						corruption/scandals	reviews	We are bicycle touring unsupported for very disappointing for the money we spe					
		<u> </u>		Ē			market			economic	ptiol	reviews	Very disappointed with this hotel 1 exp After travelling through Switzerland for t	bected 5 star service and at che he previous 2 weeks 5 star all	eck in I was greeted I the way with staff wh	by snooty reception staff to were so professional an	quite unfrier d friendly a
									eco	orru	board	Not true. Off season and shoulder seas Europe. Switzerland is one of the most					
										ö	reviews	A clean and comfortable hotel but date hotel's restaurant though					

Transformed into Structured Data

(fictitious data)

Net Sentiment Score - NSS™

Rank	Brand Name	Score	Up/Down
1	Ritz Carlton	65%	\sim
2	Mandarin	35%	~
3	Shangri La	30%	\sim
4	Four Seasons	15%	\sim
5	Hyatt	8%	~
	Intercontinental	-12%	\sim
7	Marriott	-33%	\sim

Hotel A : Negative Sentiment

Rank	Source Type	Link	Content	Likes	Shares			
1	reviews	P	Not as per my expectation for 17000 I think waste of money					
2	reviews	P	Terrible experience. They refused to tell me if the could ha					
3	instagram	P	I have tried this but it's unfortunately, not working! :(2	0			
4	board	P	Finally, after sitting on hold and talking to someone from c					
5	board	P	On top of everything you are waiting 20 minutes past your					

Best Performing Post

Worst Performing Post

Brand Name Up/Down Rank Score Marriott 22,000 \sim Hyatt \wedge 18,000 Four Seasons 13,000 \checkmark Intercontinental 10,000 V Mandarin 9,500 \sim Shangri La 8,000 6 \checkmark **Ritz Carlton** 6,500

No. of Online Posts - Buzz

AI ChatBot

Ask a question about the dataset...

DataVinci answers questions about your dataset.

ASK

Ranking based on confidence and then ranked based on engagement

Al Implementation Options for any Organisation

Al Partner	Project Support	Hire Data Scientist	Hire Software Engineer	Cost	
LLM e.g. Zero/few Shot GPT-4	×			US\$0.18/5 tweets	
DSaaS	~	×	×	US\$0.01/5 tweets	
In-house	×		\checkmark	?	

Thank You



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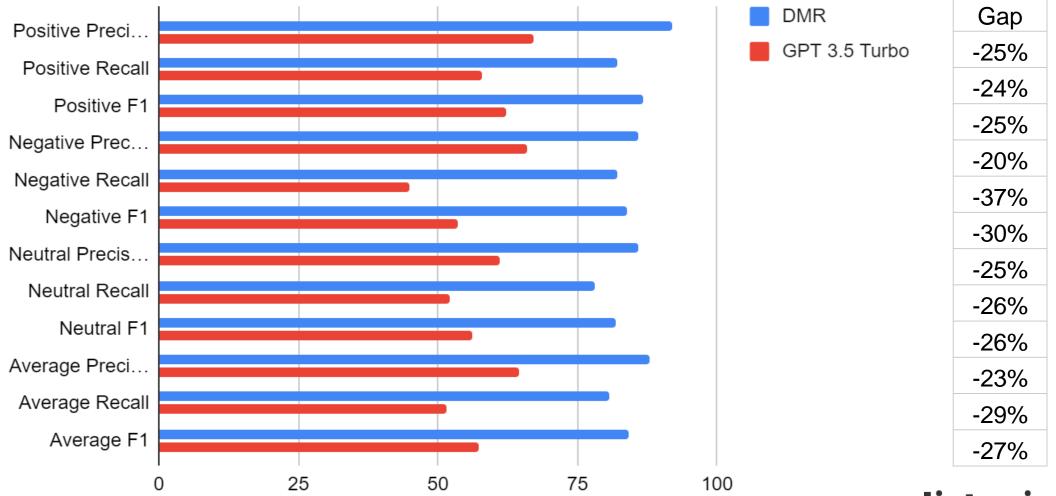


GIHE Route de Glion 111, 1823 Glion-sur-Montreux, Switzerland



Gap Analysis GPT-3.5 Zero Shot Vs DMR ML Models

DMR and GPT 3.5 Turbo



listening(«247

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Gap Analysis GPT-4 Zero Shot Vs DMR ML Models DMR and GPT-4

