

AVVY.PRO

by Standpoint Decision Support

ICLR Session:

Using Ai as a Regulator



Matt Sims

Matt Sims is a technologist, entrepreneur, and product builder with extensive experience in the legal profession, especially its regulation. As co-founder of Standpoint Decision Support, the developer of AvvyPro, he developed a platform that helps legal professionals and regulators reduce practice risk and improve service quality through data-driven tools. Matt has spent over 15 years working with legal organizations across North America, including law societies and public legal bodies, to support more effective regulatory processes and informed decision-making.

In addition to his work in legal tech, Matt has applied emerging technologies such as AI, blockchain, and decentralized security in various sectors, including telecommunications and cryptography. His career has been defined by bridging the gap between technology and practical application, helping organizations achieve tangible results. Known for bringing structure and clarity to complex projects, Matt is dedicated to helping regulators use technology to better serve both legal professionals and the public.

GETTING STARTED WITH AI

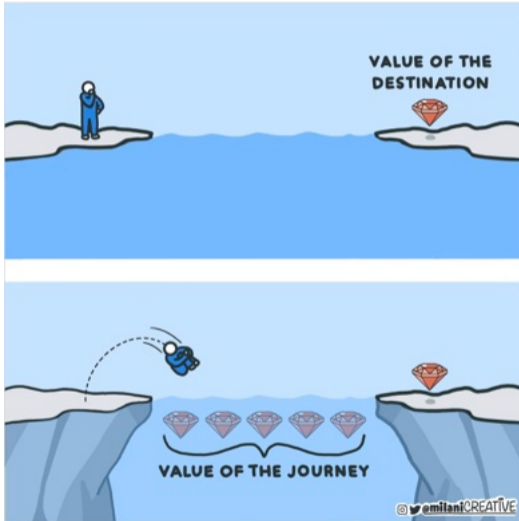


LAW OF THE INSTRUMENT

"It is tempting, if the only tool you have is a hammer, to treat everything as if it were a nail."

—Abraham Maslow

GETTING STARTED WITH AI



STAYING ON SHORE
IS THE BIGGER RISK

There will be plenty of splashing around and getting wet on the way to understanding this new technology.

GETTING STARTED WITH AI



Chief
Editor



Strategy
Officer



Data
Analyst



Technology
Officer

HIRE YOUR DREAM TEAM

What does your dream team look like? Build (hire) each one as an AI assistant, and work with them daily.

GETTING STARTED WITH AI

NOW, TRAIN YOUR DREAM TEAM ON YOUR PREFERENCES



My Chief
Editor

- My preferred writing style is...
- I like these authors...
- Oxford commas, please.
- Never use these words...
- Adjectives sparingly
- Any questions?



My Strategy
Officer

- My role is...
- Generally, I'm always optimizing for...
- My available resources are...
- My jurisdiction's mandate includes...



My Data
Analyst

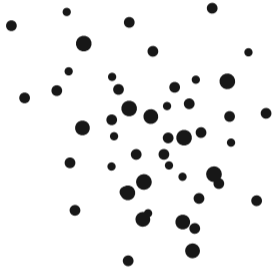
- I hate excel
- Don't give me useless statistics (unless I ask)
- Generally, tell me what the data *means*...
- I have access to the following data...



My Marketing
Officer

- My audience is working lawyers...
- My role is to educate them on...
- This year I'm trying to improve...

DEVELOP A USE CASE



Raw Data



Information &
Knowledge



Answers &
Predictive Insights

DEVELOP A USE CASE



Health

AI tool cuts unexpected deaths in hospital by 26%, Canadian study finds

Researchers say early warning system, launched in 2020 at St. Michael's Hospital, is 'saving lives'



Lauren Pelley - CBC News - Posted: Sep 16, 2024 1:00 AM PDT | Last Updated: September 16



Unity Health Toronto clinician-scientist Dr. Amol Verma (left) stands with Shirley Bell, the clinical nurse educator for St. Michael's Hospital's general medicine program (right). They're among the team members using an in-house AI system called Chartwatch, which a new study shows is helping prevent unexpected patient deaths. (Evan Mitsui/CBC)

St. Michael's Hospital Chartwatch, an AI early warning system

Chartwatch measures about 100 inputs from a patient's medical record that are currently routinely gathered in the process of delivering care.

"A year-and-a-half-long study published in the Canadian Medical Association Journal, found that use of the AI system led to a striking 26 per cent drop in the number of unexpected deaths among hospitalized patients."

DEVELOP A USE CASE



**My Chief
Editor**

I'm writing this month's newsletter. Here's last month's for reference. The themes I'd like to focus on this month are annual fees, the fundraising event, and a continuation of our AML/KYC series.

But I'm just blank on where to start. Any suggestions for an outline?



**My Strategy
Officer**

My next year's budget just got trimmed by 15%. I need to think through all of my programs, their effectiveness and priority, and develop some options as to where this budget cut will come from with the least amount of damage.

Ideas on where to start?



**My Data
Analyst**

I just uploaded all the (anonymized) complaints logged in our system for the past 3 years. I need some insights.

What's on the rise? Is anything declining? Are there any new trends appearing I should know about?



**My Marketing
Officer**

We have got to get attendance up for our free CLE sessions. Here's all the marketing materials we've used in the past few months, and attendance lists.

Tell me where they need work and how I can improve.

USE CASE #1 – HEAR THE VOICE OF THE PROFESSION



COMMUNICATION	<p>Self assessment</p>
OFFICE SYSTEMS	
FINANCIAL MANAGEMENT	
PROFESSIONALISM	
LAWYER WELLNESS	
ACCESS TO JUSTICE	

1



2



What does it all mean?



3



Qualitative data

Item	Response	p	logit(p)
00000000-0000-0000-0000-000000000000	Nothing is more important to a lawyer than their ability to secure justice for their clients.	0.01	-4.5951
00000000-0000-0000-0000-000000000000	Having a strong support system is essential for a lawyer's success.	0.02	-3.8918
00000000-0000-0000-0000-000000000000	The role of a lawyer is to provide legal advice to their clients.	0.03	-3.4761
00000000-0000-0000-0000-000000000000	Legal research is an essential part of a lawyer's job.	0.04	-3.1781
00000000-0000-0000-0000-000000000000	This is a great career for an attorney because it is so rewarding.	0.05	-2.9444
00000000-0000-0000-0000-000000000000	Having a strong support system is essential for a lawyer's success.	0.06	-2.7515
00000000-0000-0000-0000-000000000000	Having a strong support system is essential for a lawyer's success.	0.07	-2.5987
00000000-0000-0000-0000-000000000000	Having a strong support system is essential for a lawyer's success.	0.08	-2.4423
00000000-0000-0000-0000-000000000000	Having a strong support system is essential for a lawyer's success.	0.09	-2.3136
00000000-0000-0000-0000-000000000000	Having a strong support system is essential for a lawyer's success.	0.10	-2.1972
00000000-0000-0000-0000-000000000000	Having a strong support system is essential for a lawyer's success.	0.11	-2.0907
00000000-0000-0000-0000-000000000000	Having a strong support system is essential for a lawyer's success.	0.12	-1.9924
00000000-0000-0000-0000-000000000000	Having a strong support system is essential for a lawyer's success.	0.13	-1.9010
00000000-0000-0000-0000-000000000000	Having a strong support system is essential for a lawyer's success.	0.14	-1.8153
00000000-0000-0000-0000-000000000000	Having a strong support system is essential for a lawyer's success.	0.15	-1.7346
00000000-0000-0000-0000-000000000000	Having a strong support system is essential for a lawyer's success.	0.16	-1.6582
00000000-0000-0000-0000-000000000000	Having a strong support system is essential for a lawyer's success.	0.17	-1.5856
00000000-0000-0000-0000-000000000000	Having a strong support system is essential for a lawyer's success.	0.18	-1.5163
00000000-0000-0000-0000-000000000000	Having a strong support system is essential for a lawyer's success.	0.19	-1.4500
00000000-0000-0000-0000-000000000000	Having a strong support system is essential for a lawyer's success.	0.20	-1.3863
00000000-0000-0000-0000-000000000000	Having a strong support system is essential for a lawyer's success.	0.21	-1.3240
00000000-0000-0000-0000-000000000000	Having a strong support system is essential for a lawyer's success.	0.22	-1.2657
00000000-0000-0000-0000-000000000000	Having a strong support system is essential for a lawyer's success.	0.23	-1.2083
00000000-0000-0000-0000-000000000000	Having a strong support system is essential for a lawyer's success.	0.24	-1.1527

Quantitative data

p	logit(p)	p	logit(p)	p	logit(p)	p	logit(p)
0.26	-1.0450	0.51	0.0400	0.76	1.1527		
0.27	-0.9946	0.52	0.0800	0.77	1.2083		
0.28	-0.9445	0.53	0.1201	0.78	1.2657		
0.29	-0.8954	0.54	0.1603	0.79	1.3249		
0.30	-0.8473	0.55	0.2007	0.80	1.3863		
0.31	-0.8001	0.56	0.2412	0.81	1.4500		
0.32	-0.7539	0.57	0.2819	0.82	1.5163		
0.33	-0.7082	0.58	0.3228	0.83	1.5856		
0.34	-0.6633	0.59	0.3640	0.84	1.6582		
0.35	-0.6190	0.60	0.4055	0.85	1.7346		
0.36	-0.5754	0.61	0.4473	0.86	1.8153		
0.37	-0.5322	0.62	0.4895	0.87	1.9010		
0.38	-0.4895	0.63	0.5322	0.88	1.9924		
0.39	-0.4473	0.64	0.5754	0.89	2.0907		
0.40	-0.4055	0.65	0.6190	0.90	2.1972		
0.41	-0.3640	0.66	0.6633	0.91	2.3136		
0.42	-0.3228	0.67	0.7082	0.92	2.4423		
0.43	-0.2819	0.68	0.7539	0.93	2.5867		
0.44	-0.2412	0.69	0.8001	0.94	2.7515		
0.45	-0.2007	0.70	0.8473	0.95	2.9444		
0.46	-0.1603	0.71	0.8954	0.96	3.1781		
0.47	-0.1201	0.72	0.9445	0.97	3.4761		
0.48	-0.0800	0.73	0.9946	0.98	3.8918		
0.49	-0.0400	0.74	1.0460	0.99	4.5951		

USE CASE #1 – HEAR THE VOICE OF THE PROFESSION



COMMUNICATION
OFFICE SYSTEMS
FINANCIAL MANAGEMENT
PROFESSIONALISM
LAWYER WELLNESS
ACCESS TO JUSTICE

Self assessment

1



2

Qualitative data

Quantitative data

What does it all mean?



3

AI Voice of the Profession

		p	logit(p)	p	logit(p)	p	logit(p)
4411	44110000-00-00-00	0.01	-4.5951	0.26	-1.0450	0.51	0.0400
4411	44110000-00-00-00	0.02	-3.8918	0.27	-0.9946	0.52	0.0800
4411	44110000-00-00-00	0.03	-3.4761	0.28	-0.9445	0.53	0.1201
4411	44110000-00-00-00	0.04	-3.1781	0.29	-0.8954	0.54	0.1603
4411	44110000-00-00-00	0.05	-2.9444	0.30	-0.8473	0.55	0.2007
4411	44110000-00-00-00	0.06	-2.7515	0.31	-0.8001	0.56	0.2412
4411	44110000-00-00-00	0.07	-2.5987	0.32	-0.7539	0.57	0.2819
4411	44110000-00-00-00	0.08	-2.4423	0.33	-0.7082	0.58	0.3228
4411	44110000-00-00-00	0.09	-2.3136	0.34	-0.6633	0.59	0.3640
4411	44110000-00-00-00	0.10	-2.1972	0.35	-0.6190	0.60	0.4055
4411	44110000-00-00-00	0.11	-2.0907	0.36	-0.5754	0.61	0.4473
4411	44110000-00-00-00	0.12	-1.9924	0.37	-0.5322	0.62	0.4895
4411	44110000-00-00-00	0.13	-1.9010	0.38	-0.4895	0.63	0.5322
4411	44110000-00-00-00	0.14	-1.8153	0.39	-0.4473	0.64	0.5754
4411	44110000-00-00-00	0.15	-1.7346	0.40	-0.4055	0.65	0.6190
4411	44110000-00-00-00	0.16	-1.6582	0.41	-0.3640	0.66	0.6633
4411	44110000-00-00-00	0.17	-1.5856	0.42	-0.3228	0.67	0.7082
4411	44110000-00-00-00	0.18	-1.5163	0.43	-0.2819	0.68	0.7539
4411	44110000-00-00-00	0.19	-1.4500	0.44	-0.2412	0.69	0.8001
4411	44110000-00-00-00	0.20	-1.3863	0.45	-0.2007	0.70	0.8473
4411	44110000-00-00-00	0.21	-1.3249	0.46	-0.1603	0.71	0.8954
4411	44110000-00-00-00	0.22	-1.2657	0.47	-0.1201	0.72	0.9445
4411	44110000-00-00-00	0.23	-1.2093	0.48	-0.0800	0.73	0.9946
4411	44110000-00-00-00	0.24	-1.1527	0.49	-0.0400	0.74	1.0460

DESIGN & MANAGEMENT PRINCIPLES

HR

Ensure adequate training. Then iterative, graduating levels of work and responsibility based on performance,

IT

Appropriate data access permission levels, strong data security, regular data backups, & monitoring systems in place.

AVVY.PRO

by Standpoint Decision Support

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Thank you



Matt Sims