

Who am I?



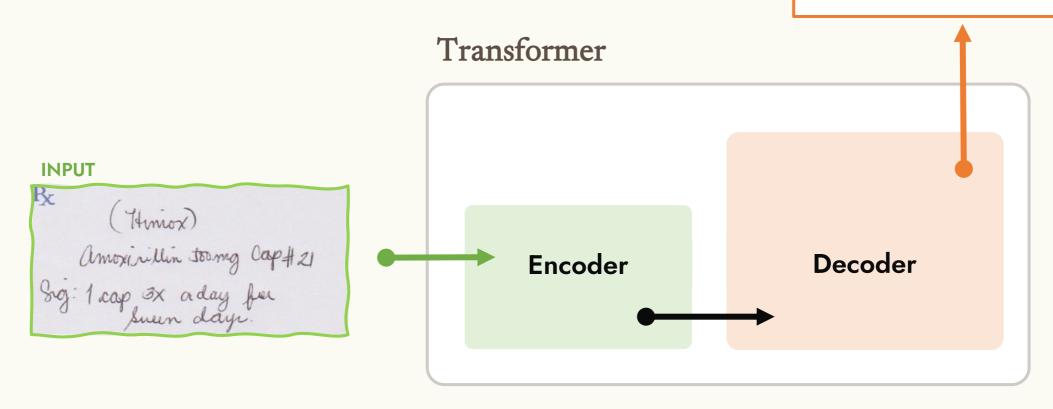
Why It Matters

The Underwriter's Guide to the Large Language Models (LLMs)

What is GenAl?

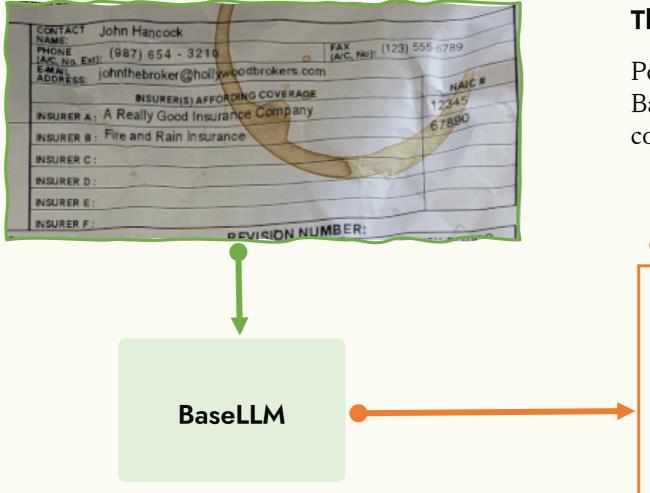
OUTPUT

- Medication: Amoxicillin (brand name: Trimox)
- Strength: 500 mg
- Form: Capsules (Cap)
- Quantity: 21 capsules (#21)
- Instructions (Sig): Take 1 capsule three times a day (3X a day) for seven days (7 days).



Insuretech difference

SAMPLE INPUT



The problem

Poor quality inputs yield poor results. Base LLMs have trouble extracting the correct information.

OUTPUT

contact.name: John Hamok contact.phone: (*) 654-3***

contact.fax: can't read

contact.email: johnt****broke*

coverage. insurer.a.name: A Really Good Insura any

coverage. insurer.a.naic: can't read

coverage. insurer.b.name: ire and Pain Insurance

coverage. insurer.b.naic: can't read

Insuretech difference

SAMPLE INPUT John Hancock FAX (A/C, No): (123) 555-6789 PHONE (487) 654 - 3210 johnthebroker@hollywoodbrokers.com INSURER A: A Really Good Insurance Company INSURER B: Fire and Rain Insurance INSURER C: INSURER D: INSURER E INSURER F PEVISION NUMBER: of cuch andarcament(c) Specific (Private) **BaseLLM** Knowledge Base This is the Magic Sauce $\stackrel{<}{\lesssim}$

Supervised Fine-tuning

Domain-specific model build and trained specifically for insurance data will always outperform a more generalized solution

of such endorsement(s).								
	CONTACT NAME: John Hancock	cont	act.fax					
	PHONE (A/C, No. Ext): (987) 654-3210 FAX (A/C, No.	o): (123)	(123) 555-6789					
	E-MAIL ADDRESS: johnthebroker@hollywoodbrokers.com							
	INSURER(S) AFFORDING COVERAGE		NAIC#					
	INSURER A A Really Good Insurance Company		12345					
	INSURER B Fire and Rain Insurance		67890					
	INSURER C:							
	INSURER D:							
	INSURER E :							
	INSURER F:							
	REVISION NUMBER:							

Al-Insuretech Vendors: 3+ points to investigate

1 Where did you get training data?

Are you planning to use my data to train your models?

Are you, in fact, using ChatGPT? This should be a no-no, since ChatGPT warns everyone against using any personal data

2 How do you measure your accuracy?

What is your accuracy on specific entitles such as lab results? Date of diagnosis?

Please send us your ground truth.

3 What is the cost of running the infrastructure?

Are they using expensive GPUs? They might run out of money pretty fast.

For example: A100 80GB will cost you \$ 50k a month just in infrastructure fixed costs, so some business models are unstainable as insuretechs will inevitably need to raise prices to stay in business.

Bonus

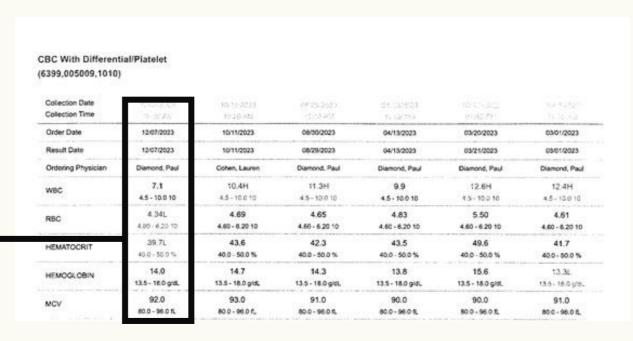
Ask for cons – every approach has them!

Here are a few downsides to GenAI:

Sometimes it just makes up stuff...

This entire column is missing

This date is hallucinated



Original

Chat GPT

Tark	10/11/2022	09/25/2023	04/13/2023	03/20/2023	03/01/2023
WBC	7.1 x10^3/uL	10.4H x10^3/uL	11.3H x10^3/uL	9.9 x10^3/uL	12.6H x10^3/uL
	4.5 - 10.0	4.5 - 10.0	4.5 - 10.0	4.5 - 10.0	4.5 - 10.0
RBC	4.34L x10^6/uL	4.69 x10^6/uL	4.65 x10^6/uL	4.83 x10^6/uL	5.50 x10^6/uL
	4.60 - 6.20	4.60 - 6.20	4.60 - 6.20	4.60 - 6.20	4.60 - 6.20
HEMATOCRIT	39.7L %	43.6 %	42.3 %	43.5 %	49.6 %
	40.0 - 50.0	40.0 - 50.0	40.0 - 50.0	40.0 - 50.0	40.0 - 50.0
HEMOGLOBIN	14.0 g/dL	14.7 g/dL	14.3 g/dL	13.8 g/dL	15.6 g/dL
	13.5 - 18.0	13.5 - 18.0	13.5 - 18.0	13.5 - 18.0	13.5 - 18.0
MCV	92.0 fL	93.0 fL	91.0 fL	90.0 fL	90.0 fL

Can't properly read all tables

Com. Femoral Sup. Femoral Popliteal Post. Tibial

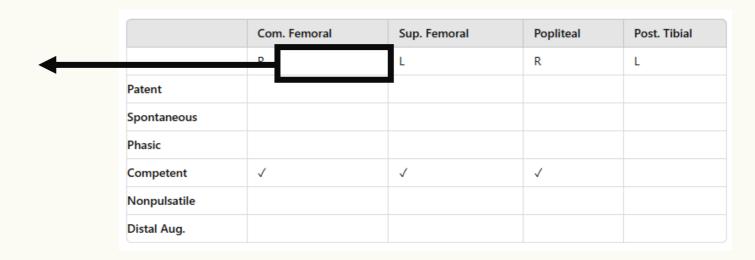
R L R L R L R L

Patent
Spontaneous
Phasic
Competent
Nonpulsatile
Distal Aug.

Original

Column is missing

Can't read checkmarks



Chat GPT

The Right Tool for the Right Job

"Hey ChatGPT. How should I close the presentation about you?"

Encourage Critical Evaluation: Encourage your audience to critically evaluate the information they receive from AI systems like ChatGPT. Remind them that while AI can be a powerful tool, it's not infallible, and human judgment is still essential.

Thank You and stay in touch. Really, I mean it: natasha@friendlycares.com