Go Pink
AI CAN THINK

"Beat breast cancer by generating personalized AI treatment decisions plans with evidence."

www.gopink.in
Reasoning Engine + RAG + Rerank+ Trulens

"Just gave up a chocolate and made my mother a super-mother." using "Go Pink - AI Can Think"

$1 can beat breast cancer and can save one life

"Generate personalized treatment decisions plans with evidence."

One of your family women could miss her smile & snap

About 1 in 8 women will get breast cancer during her life.

Problem and need for Cancer centers, Tumor Boards.
Design tailored treatments

LACK OF EVIDENCE

Sadly, 30% of treatment plans lack evidence causing delays and deaths in care.

COSTLY

Sorrowfully, ~30% care cost may increase leading to a deep financial crisis.
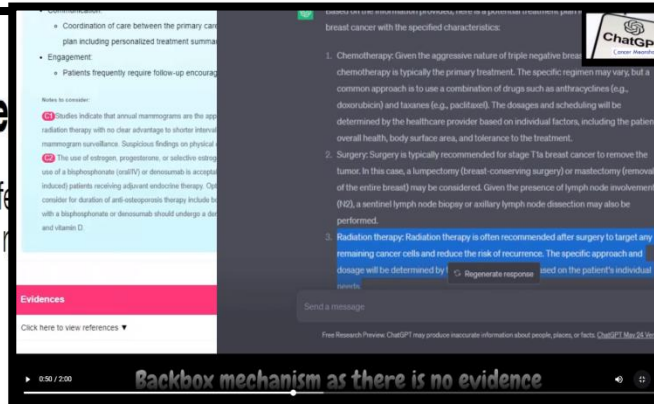
EVER CHANGING

Suffering, since treatment plans keep changing as cancer is a complex disease.

Existing solutions and limitations in Cancer care **Based on our observations only

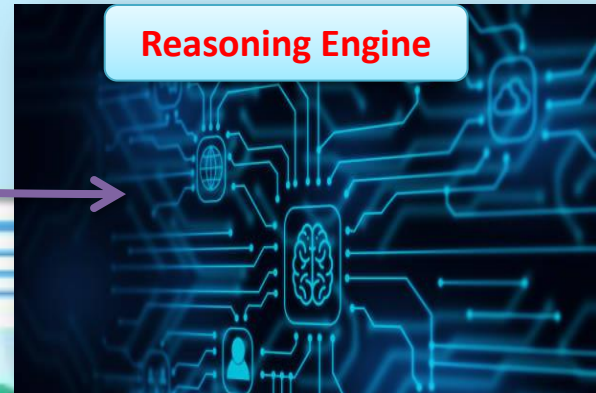|	IBM Watson	OpenAI	cohere	GoPink AI CAN THINK
Advantages	NLP Domain Data R&D	LLM Models Good fit for COT models	LLM models Good fit for RAG Models. Rerank Models.	Domain. Data & RnD. Reasoning system. Fine-tuned .
Short comes	Couldn't Meet Expectations	Very High-level. Black Box .	COT results were not encouraging . Hallucnations.	Working with 3 cancer centers. Need to scale it up.

IBM's Watson gave unsafe recommendations for treating cance

/ Doctors fe
scenarios, r

Watson is open

Backbox mechanism as there is no evidence

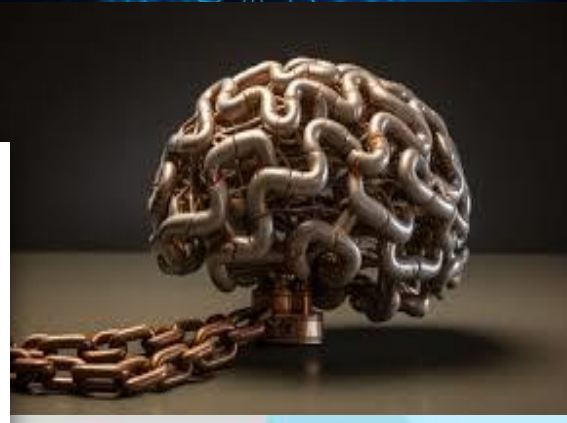|	A	B	C	D
Prompt		Expected	Result	Accuracy level Yes/No and %
	Why is it important to assign a clinical stage of disease for breast cancer patients?	Assigning a clinical stage of disease is important because it helps identify local and systemic treatment options, enables outcome comparisons across institutions, and provides baseline prognostic information.	Assigning a clinical stage of disease is important for breast cancer patients so that they can receive appropriate treatment.	No

LLM performance against GoPink.xlsx (12 KB)

Our Solution – AI + IE + LLM + Domain
Ask for AI generated Breast cancer Treatment plans ...

1

Evidence System Rerank

Reasoning Engine

Ask for Breast cancer Treatment plans ...

2

Retrieval System

3

Files

Training   dcisprmpts-training-1801.jsonl

Validation   -

Training loss   0.0500

What is Postsurgical treatment plan for a DCIS / female breast cancer, **Ipsilateral, with comorbidity thromboembolism** , undergone lumpectomy as primary treatment plan followed by **APB**I(Accelerated partial breast irradiation), with Hormone Receptor Status as **ER-positive, Postmenopausal**, age 55?

Reasoning Engine

1

' Endocrine therapy for 5 years is highly recommended for patients who have received breast-conserving therapy and WBRT radiation therapy, particularly those with ER-positive DCIS with Postmenopausal patients and age is less than 60 can be **prescribed Tamoxifen or an aromatase inhibitor can be considered.** The standard dose of Tamoxifen is 20 mg/day for 5 years.
Low-dose Tamoxifen (5 mg/day for 3 years) is an option if the patient has symptoms on the standard dose or cannot tolerate it.
There is **some advantage to using aromatase inhibitors** especially in patients **under 60 years** of age or those with concerns with **comorbidity thromboembolism.',**

Evidence System + Rerank

2

- **Ductal carcinoma in situ of the breast in the UK, Australia, and New Zealand: randomised controlled trial. Lancet 2003;362:95-9102**
- **Anastrozole versus tamoxifen** in postmenopausal women with ductal carcinoma in situ
- **undergoing lumpectomy plus radiotherapy** Margolese RG, Cecchini RS, Julian TB, et al

Retrieval System

3

"**latest aromatase inhibitors treatments for ductal carcinoma in situ (DCIS**"
A 2002 study known as the IBIS-II DCIS trial analyzed the outcomes of DCIS patients who were administered anastrozole, a type of aromatase inhibitor

Solution – Demo2 for Triple –ve Breast cancer
Ask for AI generated Breast cancer Treatment plans

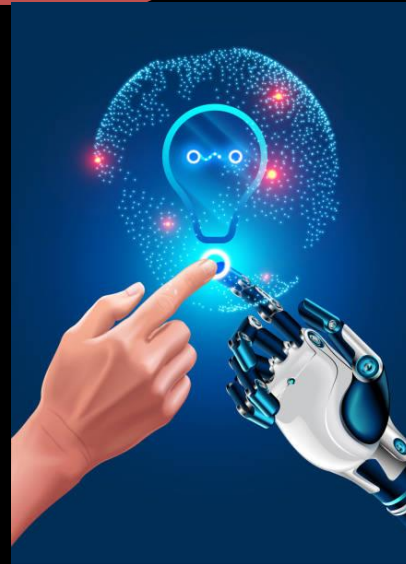Demo link :   https://youtu.be/3hDV1PnMudI?t=132

Business Model – $5-6M in 3-4 years
Radical disruption to traditional business models

**Breast cancer patients:
Care by AI and Oncologists
Personalized Treatment plans**

**Oncologists,Tumorboards,
and Cancer centers can offer
consultations and AI care
by Subscription**

**Pharma and R&D industry:
Services & Clinical Trails
Prognostic, Predictive
Drug response.**

Technology, Oncology team with Patients

https://youtu.be/veCfVHWFbho

Go Pink - AI Can Think, breast cancer treatment plans generation AI software.

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