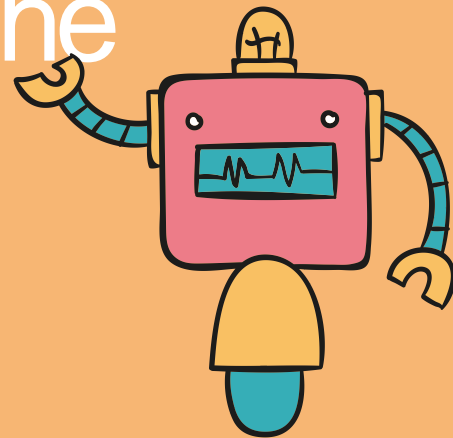
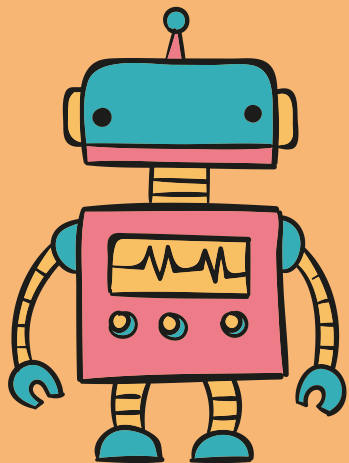
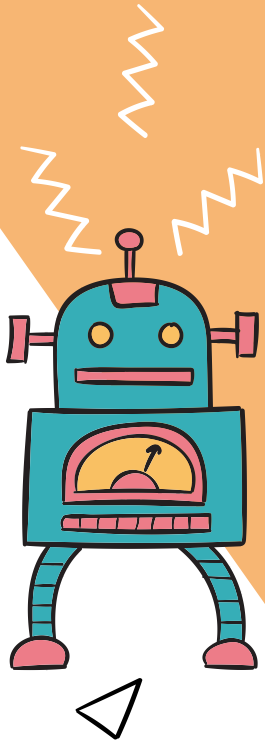


Maximizing Impact: Leveraging AI in the Nonprofit Sector!

Cherian Koshy, CFRE, CAP
Founder, NonprofitOS
VP of Philanthropy, Merit America





01

What is
Generative
Artificial
Intelligence?

03

What are the
risks and
challenges to be
aware of?

02

What are
the benefits
and use
cases of AI
for
Nonprofits?

04

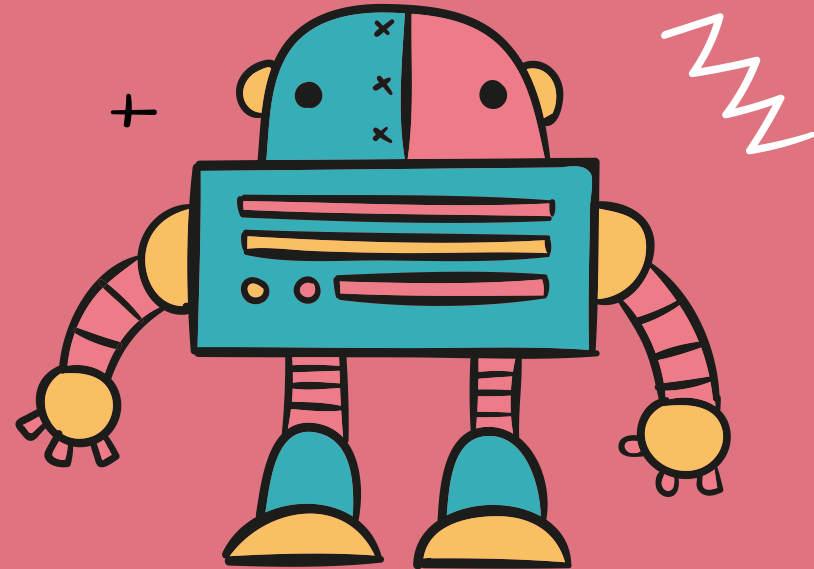
Questions &
More
Questions!





But First!


Is AI coming for our jobs?

- Will this put fundraisers out of work?
- What will happen to nonprofits?
- How will funders adapt?



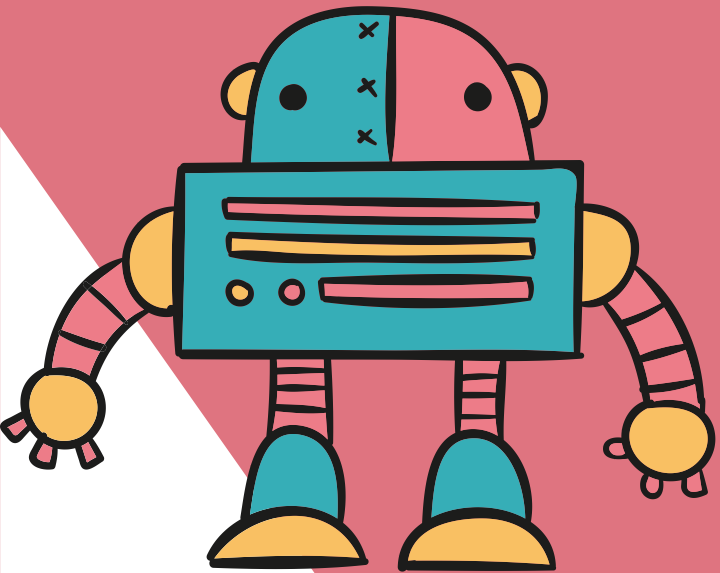


“I think what makes AI different from other technologies is that it’s going to bring humans and machines closer together. AI is sometimes incorrectly framed as machines replacing humans. It’s not about machines replacing humans, but machines augmenting humans. Humans and machines have different relative strengths and weaknesses, and it’s about the combination of these two that will allow human intents and business process to scale 10x, 100x, and beyond that in the coming years.”



—RobinBordoli, ex-CEO, Figure Eight

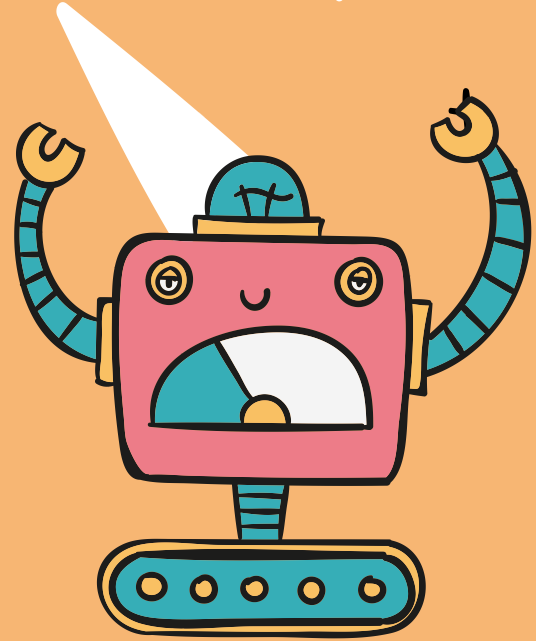




From SaaS to TaaS: Technology as a Sidekick

01.

What is
Generative AI?





Generative AI is a type of artificial intelligence (AI) that uses machine learning algorithms to create new and original content like images, videos, text, and audio.

1 Forming a Database

A neural network, consisting of various information or media files like images, text, data, sounds, etc., forms the basis of artificial intelligence.



2 Inputting a Prompt

The user provides the AI with a description or sample of the desired content.



Prompts can be any user-submitted material, like words, numbers, or photos



3 Generating Content

...and the AI uses its neural network to generate new examples that are similar to the ones it has trained from.

History of Generative AI

2009



Stanford AI & ImageNet

2017



Google & The
Transformer

2019



OpenAI & GPT2

May 11, 1997

May 11, 1997



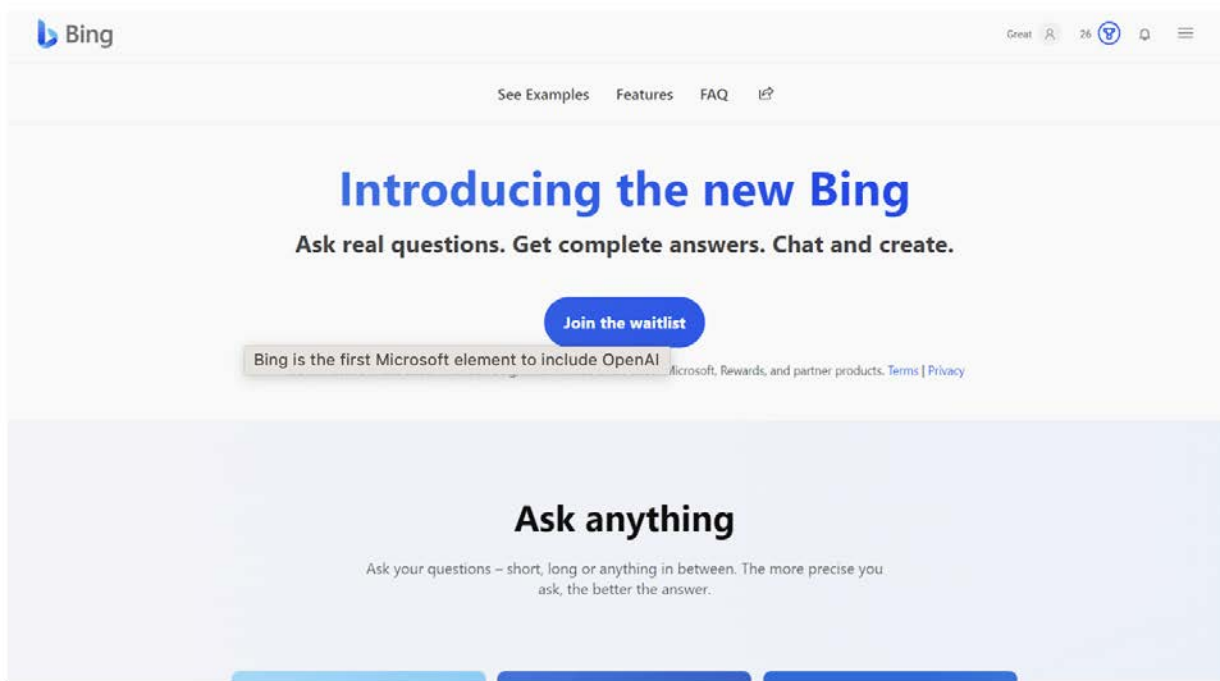
February 16, 2011

February 16, 2011



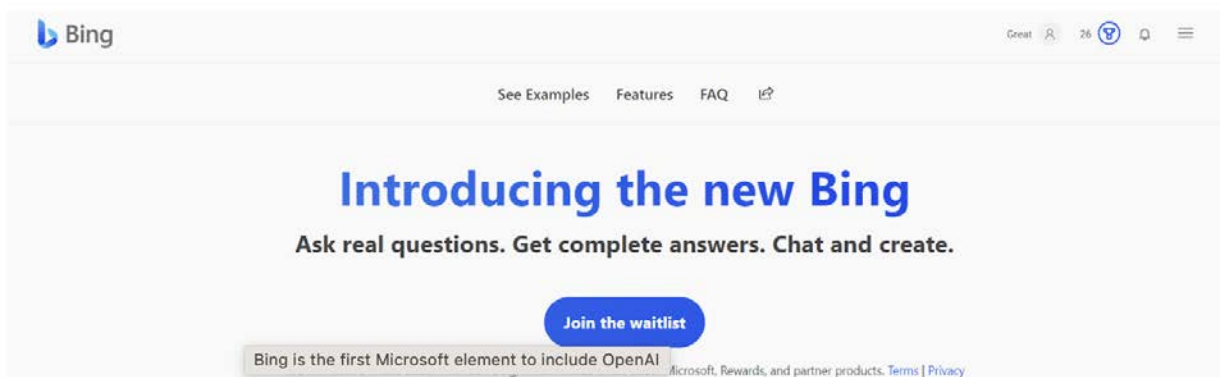
February 7, 2023

And on the 7th of February, 2023, Microsoft announced the new and improved Bing as expected.



February 7, 2023

And on the 7th of February, 2023, Microsoft announced the new and improved Bing as expected.



Microsoft CEO says OpenAI partnership will allow companies to access tools like ChatGPT in workplace emails, slideshows, and spreadsheets

Aidan Pollard Jan 22, 2023, 8:30 AM



June 26, 2023

People and pets

[View all](#)

John Koshy



Elizabeth Koshy



James Koshy



Cherian Koshy



Betsy Koshy



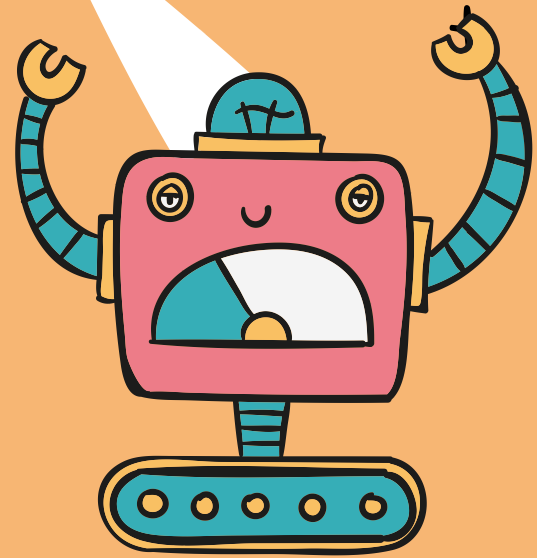
Aslan Koshy





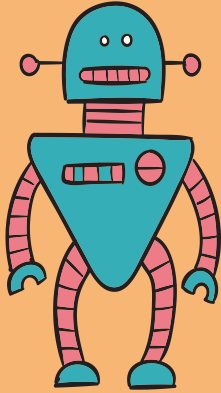
02.

What are the
benefits and
use cases of
AI for
Nonprofits?

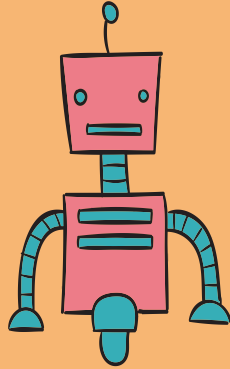


Our TaaS Team

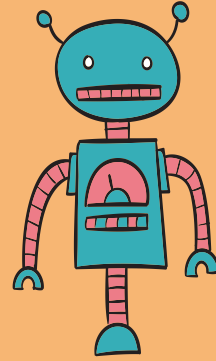
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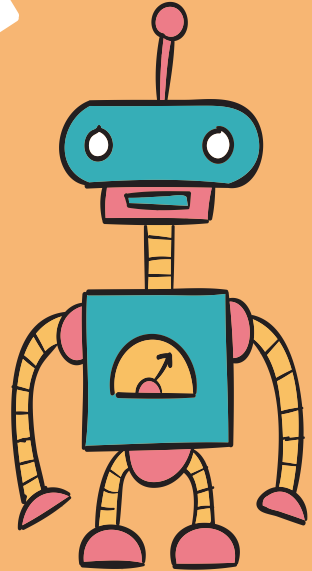
Content Writing



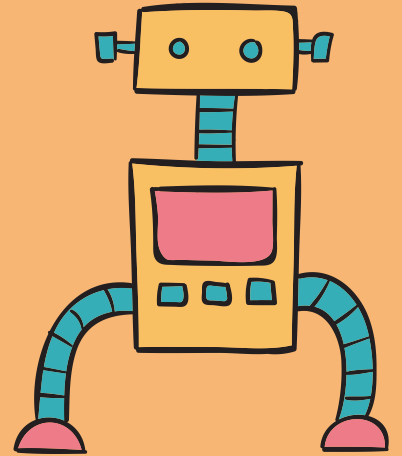
Answer
Questions



Engaging with
Data



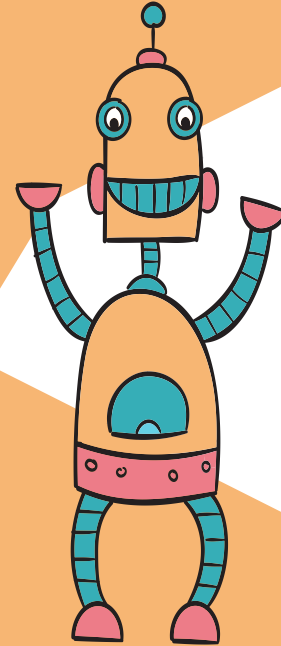
The Robot Petting Zoo!



Product Demo

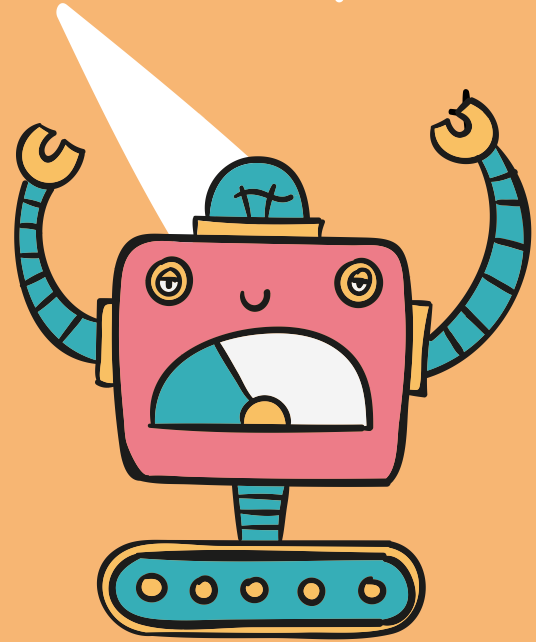


Transform Data in Seconds, no SQL needed!



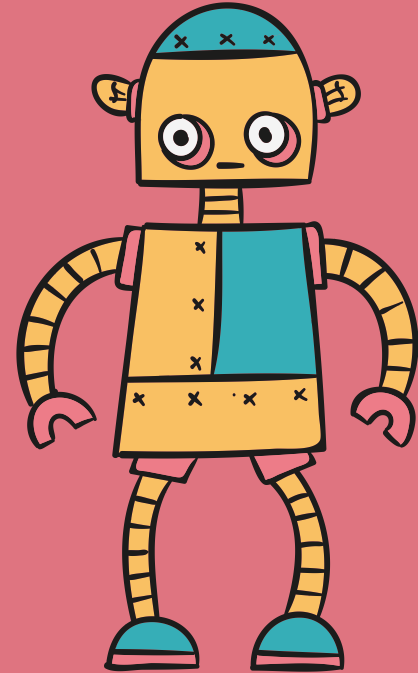
03.

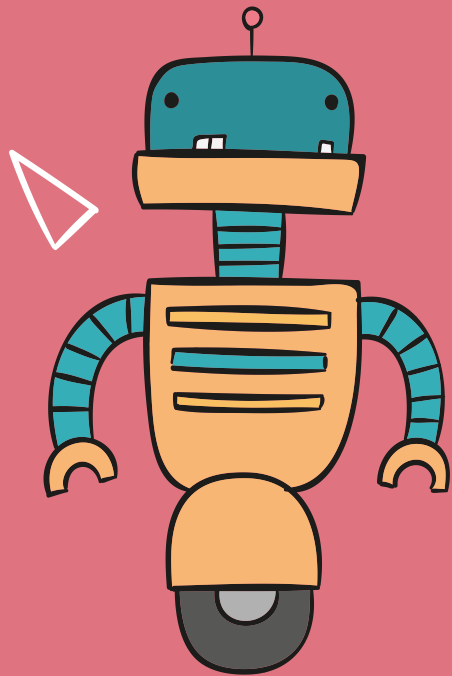
What are the
risks and
challenges?



Problem: Content

- Prompt Engineering
- Chat is uneditable
- Error rates and hallucinations
- Biases
- Token Limits
- Memory





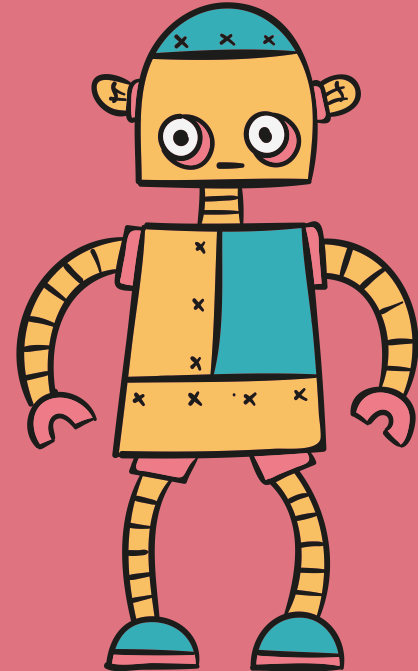
Answering

- Wrong answers
- Incomplete or unreal answers
- Based on incomplete data (pre-2021)

Problem: Data



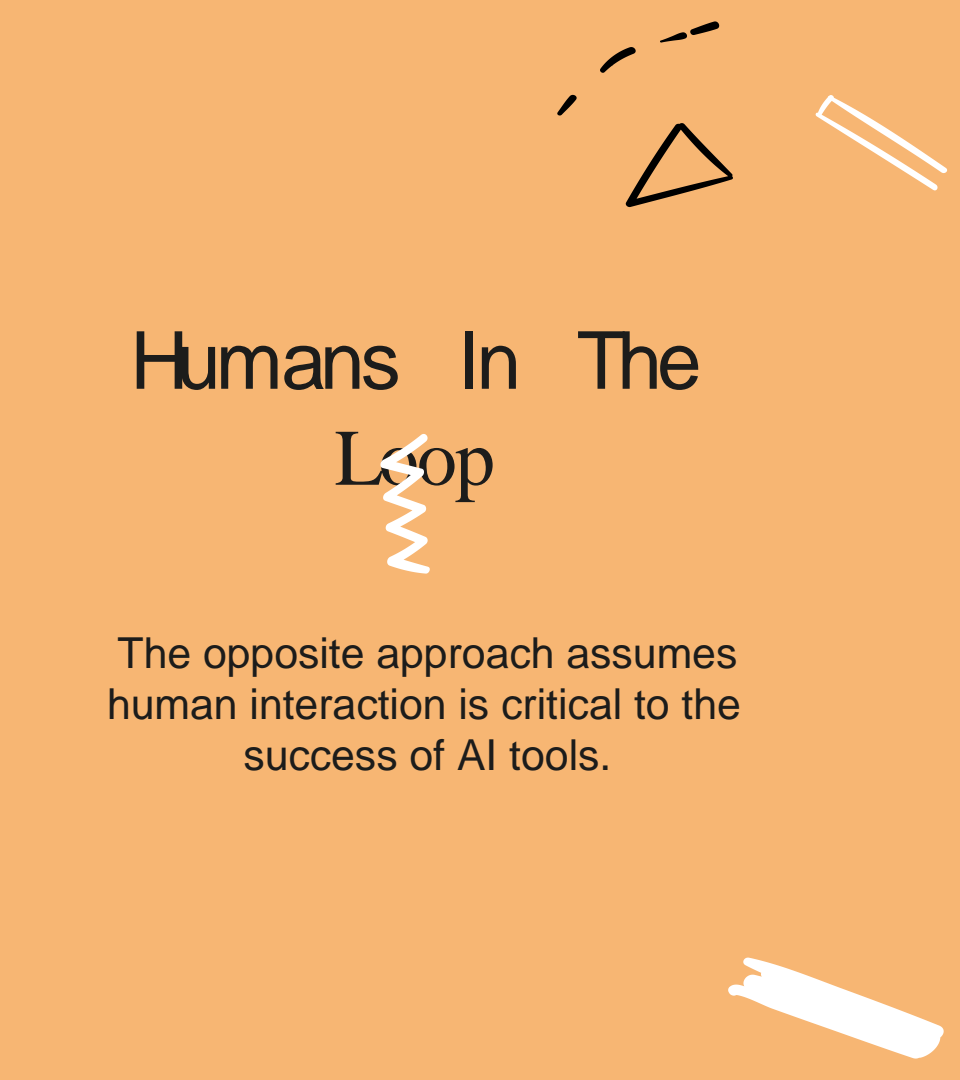
- NLP data analysis & multistep
- Models need to be trained





AI Take The Wheel

One approach asks the question of whether an AI tool can do the job without humans.



Humans In The Loop

The opposite approach assumes human interaction is critical to the success of AI tools.



Ethical Considerations



Attribution



Does it matter if AI helped write something?

Personal Information



How is private, personal data used in forming or training models?

Obligations




What obligations do we have to stakeholders to represent them ethically?

Transparency



What tools are being used and what datasets is the model trained on? How are humans involved in the process?



More than two-thirds (67 per cent) of U.S. office workers feel they are constantly doing the same tasks over and over again. On average, respondents say they waste four-and-a-half hours a week on tasks they think could be automated.

The top tasks global workers would like to automate include:

- emails (60%)
- inputting data/creating datasets (59%)
- scheduling calls and meetings (57%)



+

Thanks!

Let's discuss!



@Cherian_Koshy



Cherian Koshy

www.nonprofitoperatingsystem.com

