

NTRODUCTION

- leverage and reduce busy work
- CEO (a) Poplar. Money

Tech-focused entrepreneur - built & sold multiple tech companies Part CTO part CMO specialties - build things people want to use Computer vision and machine learning algorithms since mid 2000's 2 Patents in machine learning 'structuring of unstructured content' Helping companies integrate Al into their daily workflows to gain

JV with 7-9 figure revenue companies to solve 4-6 figure problems



A - MODELS & METHODS How To Think and Use Al To Scale Without Hiring and Do Less Busy Work



AGENDA

- What is ChatGPT and why should you care?
- Demo
- How do you best think about ChatGPT and Al
- How to implement it in your organization
- Q&A



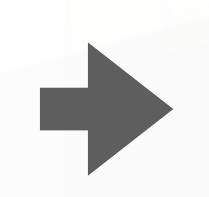
ChatGPT

- Chat Generative Pre-trained Transformer Generative Large Language Model (LLM) Al
- Launched November 30th 2022 by Open Al
- One million users in 5 days
- 100+ million users in 60 days
- A new iPhone moment everyone loves it for different reasons



ChatGPT

PROMPT



NEURAL NETWORK (TRANSFORMER)

Summarize Suggest Organize Extract

...

RESPONSE



ChatGPT - What Does It Do & How

"Guess the next word" "Old MacDonald Had A ..." Farm? Ship? Trained with by human feedback

> "What will happen if I put cheese on a hot stove?"

Pre-trained on the a large web index (Wikipedia, Stackoverflow, etc)

"It'll turn into Ice" - 1 vote

"It'll melt until eventually it'll burn if the stove is hot enough." - 10 votes



ChatGPT vs. SEARCH ENGINES

- Search engines are limited by their index.
- Search engines will become 'answer engines'
- Generative AI creates on the fly







EPISTEMOLOGY OF AI



HOW TO THINK ABOUT A

- Prompt engineering
- "Human in the Loop"
- **Eliminate "Start Friction"**
- Your team now has a team
- Can AI help? A decision framework
- What Al can't do

You won't be replaced by AI, you will be replaced by people using AI



AI WILL REPLACE OR ENHANCE COGNITIVE TASKS

will be automated.

"Find in this document all the personal contact details and put it in a table formatted where the name goes to Column A, Phone to Column B and Address to Column C"

Tasks that require creativity or synthesis of information will be enhanced.

"Create an outline for a 20 minute talk based on this 10 page document"

Tasks that involve routine or predictable processing of information



PROMPT ENGINEERING

- Clear prompts
- Format responses for use
- Style as an option
- Creative vs. factual





HELP CHATGPT HELP YOU

"You are a prompt generation robot. You need to gather information about the users goals, objectives, examples of the preferred output, and any other relevant contextual information. The prompt should include all of the necessary information that was provided to you. Ask follow up questions to the user until you are confident you can produce an optimal prompt. Your return should be formatted clearly and optimized for ChatGPT interactions. Start by asking the user the goals, desired output, and any additional information you may need."



"HUMAN IN THE LOOP" AUTOMATION

- Semi-automation is better than full automation.
- Co-pilot, Cognitive Robocop.



ELIMINATE "START FRICTION"

- Ultimate cure for Writer's Block
- Great kindling for a creative process
- Editing is easier than creating
- Creative partner that's always on
- Write a prompt, it completes your thoughts
- Rinse and repeat
- Expert in a variety of topics
- Ask how to think or what to say



YOUR TEAM HAS A TEAM

- Access to 'experts' in any topic
- Mundane work & busy work
- No marginal cost of expertise



CAN AI HELP?

- 1. **REPETITION:** Is the task repetitive or involves a lot of data processing?
- 2. COMPLEXITY: Is the task too complex for humans to do manually or with traditional tools?
- from the speed and scalability of Al?
- the risk of human error?
- 5. COST: Would using AI result in a cost-saving compared to traditional methods?
- 6. Al help achieve this?

3. HIGH-VOLUME TASKS: Is the task a high-volume task that would benefit

4. ERROR-PRONE TASKS: Is the task error-prone, and would AI help reduce

ACCURACY: Is it important to have high accuracy in the task, and would



KEY ACTIVITY EXAMPLES FOR AI

- . EDIT
- 2. SUMMARIZE
- **3. REPURPOSE**
- 4. PLAN
- 5. REVIEW
- 6. ESTIMATE

7. DRAFT

- 8. INSPECT
- 9. DIAGNOSE

10. RESEARCH11. RECOMMEND



WHAT AI CAN'T DO

- "What's the next best word?" -> based on trained data
- No volition can't make decisions
- No morals no idea of right or wrong _
- No standard of truth doesn't know truth from false

It makes stuff up!

LLMs are bad at numbers (need extensions)



ET AL DO WHAT FUMANS DONET WANT TO DO

SYSTEMIZE THE PREDICTABLE SO YOU CAN HUMANIZE THE EXCEPTIONAL



HOW TO IMPLEMENT AI TODAY



MEASURABLE IMPACT

- 1. 20%+ weekly time savings for engineers
- 2. 15-30% weekly time savings for data entry and VA type work
- 2-4X capacity unlocked for client facing activities
- 4. Shortened report delivery time from weeks to days or hours Same cost, significantly faster turnarounds



WHAT WE DID - TRAIN, ENGAGE, ITERATE

- All hands active training sessions Introduction workshop 2 Week Follow up #1 on examples where the team shares
- Designate Company or Team AI Champion
- Curate Company-Specific Prompts on Slack / Teams 'Did you use ChatGPT for it? How did you use it? Give some examples.' for the team about it

2 Week Follow up #2 with examples and reports on usefulness in day to day

Every time someone thinks about a practical new way, we make them do a Zoom



USEFUL SPOTLIGHTS

- the seams?"
- Standard operating procedures clue for routines
- Client emails
 - Inbound email prompt Outbound email - response



Activity inventory - identify key words that suggest AI could help



OTHER AI TOOLS

- 1. <u>https://www.futuretools.io/</u>
- 2. <u>https://www.bardeen.ai/</u>
- 3. <u>https://www.compose.ai/</u>
- 4. <u>https://fireflies.ai/</u>
- 5. <u>https://beta.elevenlabs.io/</u>
- 6. https://www.bluewillow.ai/
- 7. <u>https://</u> www.midjourney.com/
- 8. https://www.sembly.ai/



IT'S NOT THE END OF WORK IT'S THE END OF BORING WORK.









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