



Could AI be the Answer to Your Grantwriting Woes?

Alice Ruhnke
President of GrantStation

AI, Machine Learning and Large Language Models

Artificial Intelligence

The broadest category, encompasses all intelligent systems

Machine Learning

A subset of AI. Systems that learn from data.

Deep Learning

A subset of machine learning that uses neural networks

Large Language Models

Specific type of deep learning
Example: ChatGPT

How Machine Learning "Works"



Zillow

Save Share Hide More

\$699,000 4 bd | 2 ba | 1,883 sqft

18401 61st Avenue NE, Kenmore, WA 98028

Active

Est.: \$4,545/mo Get pre-qualified

Request a tour
as early as today at 4:00 pm

Contact agent

Overview Facts and features Home value Price and tax h >

Single family residence

Built in 1969

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Other Examples

- Recommendation Engines
 - Netflix
 - Spotify
 - Amazon
- E-Mail Spam Filters
- Predictive text
- Fraud detection



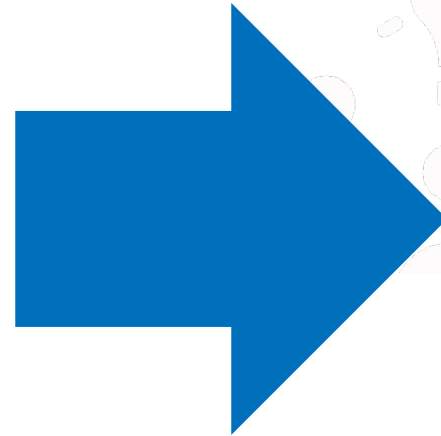
Training Models

- Netflix's Recommendation Engines
 - User Data / Viewing Data
 - Past viewing data
 - Search data, scrolling data, location data, reviews etc.
 - If you love action movies then it's going to recommend more action movies.
 - If you're similar to another user then it will recommend what they like.

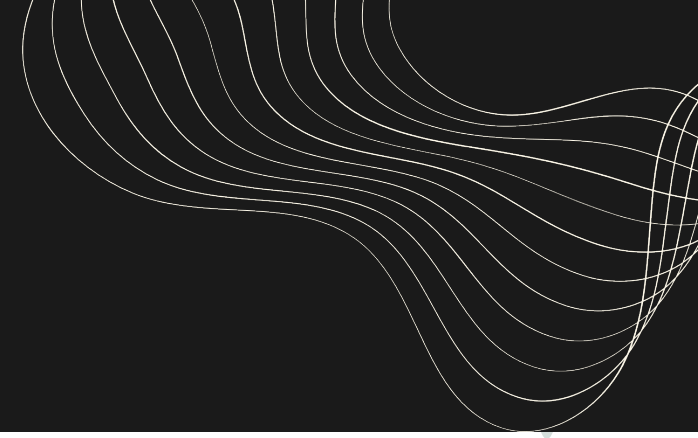


Summary

**Patterns
in Data**



**Predictions based
on patterns**

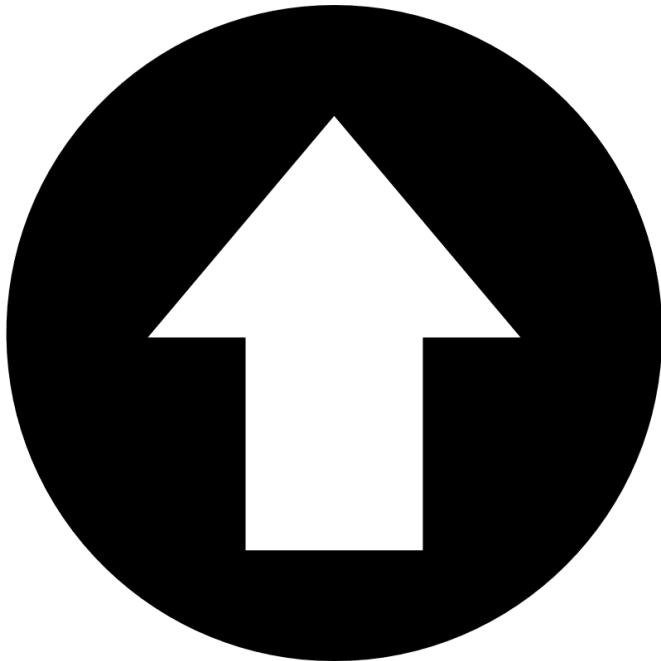


Training LLMs

- **Initial Training:**
 - Trained on vast amounts of text. This data can come from books, articles, websites, and other written material.
- **Fine-tuning:**
 - Narrower datasets, can be curated for specific tasks (e.g., question-answering, translation, summarization) or to follow particular guidelines



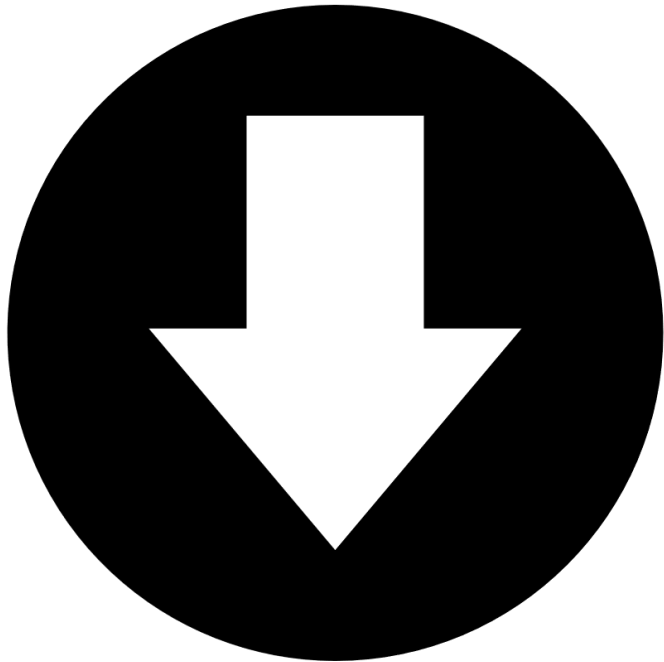
Strengths of ChatGPT



- **Quick Drafts:**
 - ChatGPT can quickly generate drafts or help structure your grant proposal based on the input provided.
- **Can Recall Information:**
 - If provided with relevant data and background info, ChatGPT can help summarize or integrate that information into the proposal.
- **Language Knowledge:**
 - Can quickly create texts that are grammatically correct, have a coherent structure, and can adapt writing styles.
- **Brainstorming:**
 - If you're stuck on a particular section or need ideas, ChatGPT can assist in brainstorming or suggesting content.

Weaknesses of

ChatGPT



- **Lack of Domain Expertise:**
 - Not designed specifically for grants. Its understanding is broad but not deep.
- **Lacks Personal Touch:**
 - Grant proposals often benefit from personal experiences, anecdotes, or a deep understanding of the community or project at hand. ChatGPT lacks personal experiences and emotions.
- **Inaccurate Information:**
 - ChatGPT may "make up" data or information that it needs to create a coherent text or answer a question. This data is often not accurate.
- **Over-Reliance:**
 - If users rely solely on ChatGPT without thoroughly reviewing and verifying its outputs, it will lead to mistakes and omissions.

How to Select the Right Tool?

- Many Tools Beyond ChatGPT
 - Think About Your Goal
 - AI can be great at specific tasks
- Explore other tools
 - <https://theresanaiforthat.com/>
- Grantable
 - Specific Tool for Grantwriting
 - FREE webinar [Achieve Grant Writing Synergy with Grantable's AI Assistant](#)
 - October 25, 2023 2pm EDT



How to Engage with AI



Plan

STEP 1



Use the Tool

STEP 2



**Edit and
Review the
Output**

STEP 3

Other Use Cases:

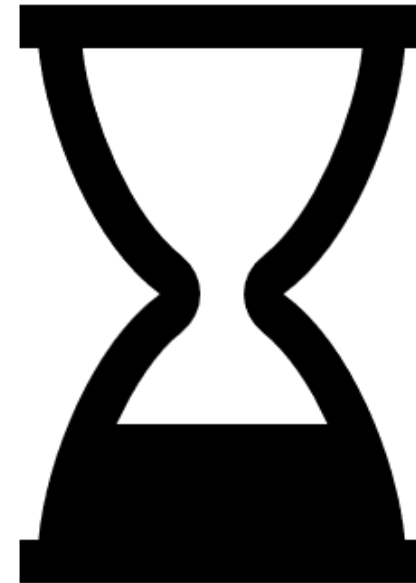
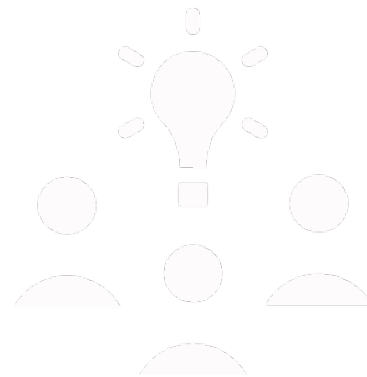
- **Word Count**
 - Rewrite the following text. Summarize the main points in 150 words
 - Check for accuracy
- **Grants Research**
 - Information is not current
- **Suggest Data Sets (not actual data)**
 - I'm writing a grant that will provide transitional housing for individuals experiencing homelessness in Seattle. Can you suggest relevant datasets to show the need for my project?
- **Proofreading**
 - Grammar, redundant information, clarity, style



How to Use the Time Saved?

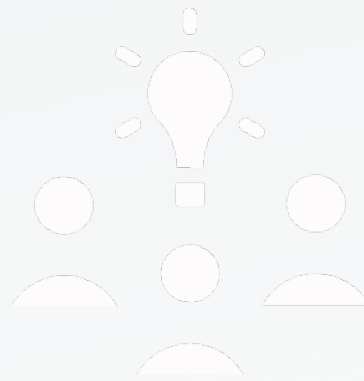
- Better research and planning
- Finding additional funding opportunities
- Increasing partnerships
- Mental health rest and relaxation?

Yes, please!



Ethical Considerations

- Bias
- Plagiarism
- Job Security/Skills Erosion
- Concerns from Funders
- Accuracy
- Data Privacy



Questions?



GrantStation

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Are You Ready to
Harvest Grant
Awards?



GrantStation
Membership
\$179 for 1 year
\$239 for 2 years

(FREE) [Achieve Grantwriting Synergy With Grantable's AI Assistant](#)

Philip Deng, CEO of Grantable

- learn about Grantable, how to create a free account, and how to begin using it to draft grant proposals;
- discover tips and features to get the most out of this powerful software; and,
- have the opportunity to talk about the intersection of AI and philanthropic work.

Wednesday, October 25, 2023 - 2 PM EDT