

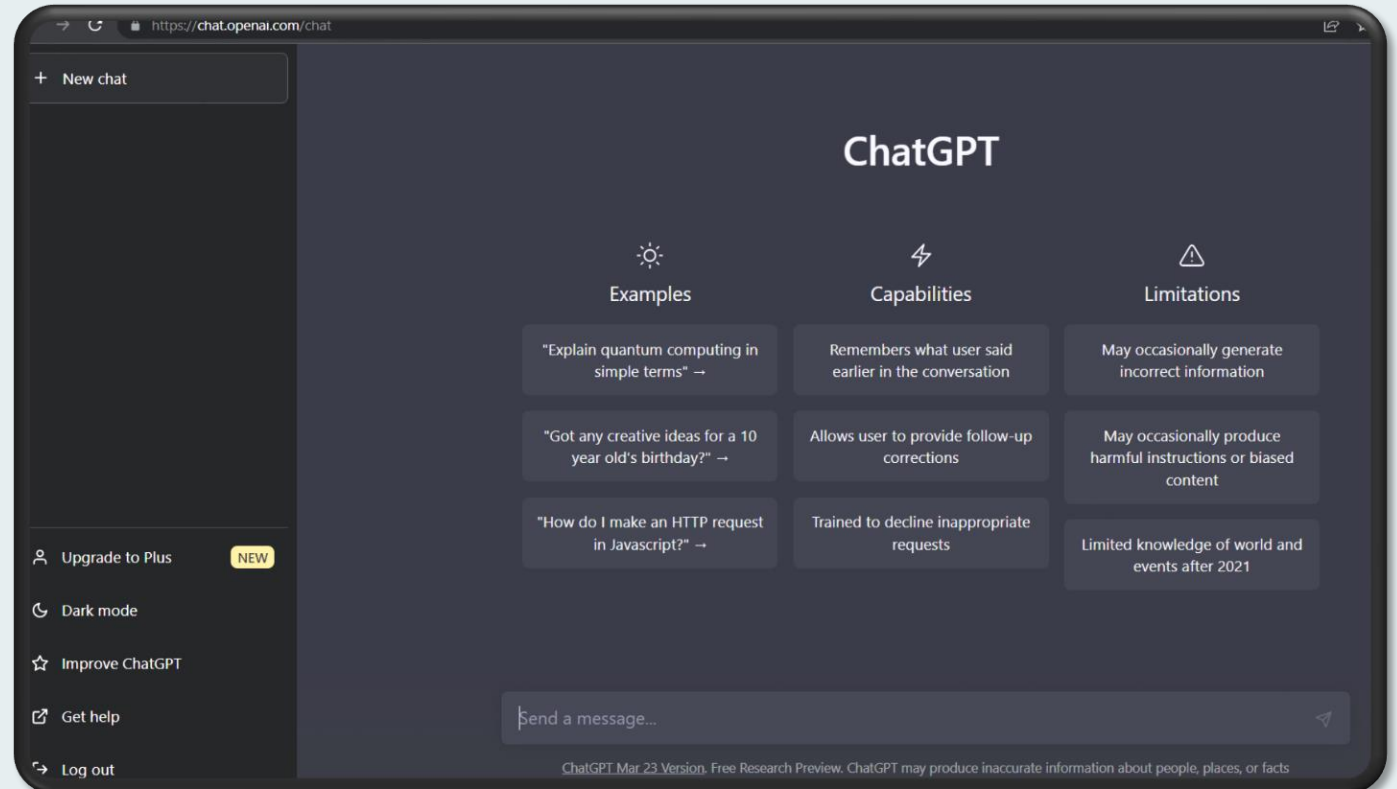


CHATGPT

#Lean2leadPune #microlearning #microhackathon #30mincrowdsourcing

Prosaic Details

1. Sign up to ChatGPT using your email ID at the following link
<https://chat.openai.com>
2. Welcome screen
3. Quantum Computing ? Perfect place to start !





I can only show you the door, you
are the one who has to walk
through it ...

Lean2lead

Lean2Lead is a Lean In group that is based in Pune. They are one of the circles formed from Sheryl Sandberg's idea of circles in her book "Lean In". The group meets regularly and gets high profile speakers from various backgrounds to expound on the latest technology, how to plan to get into boardroom, financial wisdom etc.

I want a specific intro to the group, how important it is in the world of networking for women and how well they are doing. This will go into the about section of their website.



Absolutely, here's a suggested introduction for the group:



"Welcome to Lean2Lead, a thriving community of ambitious and driven women based in Pune, India. Our group was formed as part of Sheryl Sandberg's 'Lean In' movement, with a mission to empower women to pursue their passions and achieve their full potential.

At Lean2Lead, we understand the importance of networking and mentorship in helping women succeed in their careers. That's why we provide a safe and supportive space for women to connect, share ideas, and learn from each other.

Our group has quickly become a leading force in the world of women's networking, with high-profile speakers from various backgrounds sharing their expertise on the latest technology, financial wisdom, and more. We're proud to have a vibrant and diverse community that is making a real impact in the business world.

Join us at Lean2Lead and be a part of a community that is changing the game for women in business. We're excited to welcome you!"

Lean2lead

Now add details that you think will make it more impressive and something that will make more women want to join and contribute to the group.*

* Give the topic, Goal of the article, Tone (Steve Jobs or Barrack Obama anyone ?), Length, Any key phrases or words to include, Give call to action in the last paragraph, add a tldr etc.. The more details with specificity, the better the result.

"Lean2Lead is more than just a networking group - we're a community that is dedicated to supporting and empowering women to achieve their goals. Our members come from diverse backgrounds and industries, but we share a common passion for personal and professional growth.

Through our regular meetings and events, we provide a platform for women to learn from each other and connect with like-minded individuals. Our high-profile speakers bring unique perspectives on the latest trends in technology, leadership, and finance, providing valuable insights and knowledge for our members.

But that's not all - at Lean2Lead, we believe in the power of mentorship to help women succeed. That's why we offer one-on-one mentoring opportunities and encourage our members to support each other in their career journeys.

We're proud to have a track record of success in helping our members achieve their goals. Many of our members have gone on to secure positions on boards, launch successful businesses, and make significant strides in their industries.

Joining Lean2Lead means joining a community that is making a difference for women in business. We're excited to welcome women of all backgrounds and experience levels to our group and can't wait to see what we can accomplish together."



I may not know what I want, but I
do know I need a product
description to help me buy it.

After all google no longer penalizes AI
generated content.

Others ...

- Product descriptions – Describe products, add specific details
- Write a letter to complain about the noise from a factory nearby to your local corporator. Add details about health issues, legal issues and any other details that will help make the case stronger. The letter should be assertive and firm in tone.
- Instagram posts, LinkedIn Posts, Blogs, Twitter, Poems, Sample legal contract etc..
- Never again suffer the blank page paralysis.



Looking for sneakers that will make you stand out from the crowd? Look no further! These kicks are the perfect addition to any teenager's wardrobe. Here's why:

- Bold, eye-catching design that is sure to turn heads
- Lightweight construction for ultimate comfort during all-day wear
- Durable materials that will withstand even the toughest wear and tear
- On-trend colorways that match your favorite outfits
- Soft, cushioned sole that provides superior support and comfort
- High-quality stitching for a clean and finished look
- Breathable fabric that keeps your feet cool and dry
- Non-slip sole for safety and stability during physical activities
- Easy to clean and maintain for hassle-free upkeep
- Versatile style that can be dressed up or down for any occasion
- Flexible fit that molds to your foot for a custom feel
- Designed to keep up with your active lifestyle and daily activities
- Unmatched value for a high-quality sneaker at an affordable price
- Perfect for school, sports, hanging out with friends, and everything in between
- Makes a statement and lets you express your unique style and personality
- Guaranteed to make you feel confident and cool wherever you go!

Was this really unexpected ?

Companies now using ChatGPT to write job descriptions.
Candidates now using ChatGPT to write their CVs.

`#job #ai #chatgtp #dataforgood`



Job Ads And CVs

1. My cv is pasted here << >>

Tailor my cv to be able to respond to the job advert details mentioned below along with numbers that would help short list my name and get an interview.

2. You can prepare for an interview.

Act as an interviewer. Ask me the technical interview questions for << *Node.js Backend, React Frontend Developer, Full Stack Developer, iOS Developer* >> position. I want you to only reply as the interviewer. Do not write all the conversation at once. I want you to only do the interview with me. Ask me the questions and wait for my answers. Do not write explanations. Ask me the questions one by one like an interviewer does and wait for my answers. - Contributed by: @f & @iltekin

Skills:

- Proficient in database technologies, data modeling concepts, and graph database technologies
- Proficient in Java, J2EE/J2SE, Java Script, and Docker
- Familiarity with Couchbase, Mongo, Marklogic, Teradata, virtualization, and cloud technologies
- Adept in mapping business to technical requirements and understanding multiple components to build a solution
- Capable of educating and training small groups
- Excellent written and spoken English communication skills
- A proactive approach to keeping the technical aspects of a sales process on track
- Passionate about solving technical problems

Numbers that could help shortlist your CV:

- Successfully designed and built prototype solutions for 10+ customers
- Contributed to sales processes that resulted in 50% growth in revenue
- Educated and trained small groups of 5-10 engineers on multiple occasions
- Worked with 15+ customers from various industries including Financial Services, Retail, Government, Security, and Telecommunication.

Learning and studying need not be like trying to assemble IKEA furniture without instructions...



Keywords, Summarize, Comparison table

1. Summarize this blog post and give me the key points.
2. List the key words from this text.
3. Extract the key ideas that were discussed, from this meeting transcript.
4. What are the main tenets of "Mindfulness" ? How does it help productivity ?
5. Can you compare GTD and Covey's 7 habits and give a point by point comparison in the form of a table ?

Sure, here's a point-by-point comparison of GTD and Covey's 7 Habits of Highly Effective People:

Aspect	GTD	Covey's 7 Habits
Focus	Task management	Personal and professional development
Approach	Process-driven methodology	Principle-driven framework
Orientation	Task-oriented	Goal-oriented
Emphasis	Action	Reflection and continuous learning
Core tenets	Capture, clarify, organize, reflect, engage	Be proactive, begin with the end in mind, put first things first, think win-win, seek first to understand, then to be understood, synergize, sharpen the saw
Purpose	Reduce mental clutter, increase productivity	Develop habits and principles for personal and professional growth
Methodology	Provides a set of steps for task management	Provides a holistic framework for personal and professional growth
Scope	Focuses on individual tasks and projects	Focuses on long-term goals and personal growth

Learn, Explain Like I Am 5, Understand Concepts, Menus and Recipes

1. What is game theory ? Explain like I am 5.
2. Act as a full stack developer. I will write some backend concepts and it will be your job to explain them in easy-to-understand terms.
3. Create a menu for a week for a 4 year old who is a fussy eater. The menu should consider the food pyramid but with vegan restrictions. The child eats 4 times a day. Ensure you do not repeat dishes. Give easy to make dishes for a working mother. The recipes should be Konkani Recipes. Give the recipe instructions for each dish.
4. I have the following items in my fridge << >> What can I cook from it ? Give me the recipe too.

Day 1:

Breakfast: Vegan Rava Kichadi (Semolina Upma) with Mixed Vegetables

Lunch: Vegan Chana Gassi (Chickpea Curry) with Rice

Snack: Vegan Banana Fritters (Pazham Pori)

Dinner: Vegan Potato Sagu (Potato Curry) with Roti (Indian flatbread)

Day 2:

Breakfast: Vegan Phovu (Flattened Rice) with Coconut and Jaggery

Lunch: Vegan Masoor Tondak (Red Lentil Curry) with Steamed Quinoa

Snack: Vegan Cucumber and Tomato Salad with Lemon Dressing

Dinner: Vegan Veggie Stir-Fry with Tofu and Brown Rice

Day 3:

Breakfast: Vegan Patrade (Steamed Colocasia Leaves Rolls) with Coconut Chutney

Lunch: Vegan Veg Kadi (Vegetable Yogurt Curry) with Rice

Snack: Vegan Mixed Fruit Salad with Lime Juice

Dinner: Vegan Mushroom Sukke (Dry Mushroom Curry) with Roti



Coding superheroes, don't hang up your capes just yet. ChatGPT is just a witty sidekick, not a job-stealing villain. (Maybe !?!)

Code, Unit tests, Debug or Optimize

1. Write python code to verify if a given string is an IPv6 address ? Don't use an existing library. Explain the code line by line.
2. Write unit tests for this code
3. Can this check be done using regex
4. I want the IPv6 check code in Java without using any library
5. This code is very slow, is there a way to make it faster ?
6. This pgm << >> is giving this error << >>. Give suggestions on how to correct it.

1. ``def is_ipv6_address(address):`` - This defines a function called ``is_ipv6_address`` that takes a single argument ``address``, which is the string to be checked.
2. ``"""Returns True if the given string is a valid IPv6 address."""`` - This is a docstring that explains what the function does.
3. ``blocks = address.split(":")`` - This splits the input string ``address`` into blocks using the ":" character as the delimiter. Each block should be a 16-bit hexadecimal number.
4. ``if len(blocks) != 8:`` - This checks that the address has exactly 8 blocks. An IPv6 address should have 8 blocks.
5. ``for block in blocks:`` - This iterates through each block in the list of blocks.
6. ``try:`` - This starts a try block.
7. ``int(block, 16)`` - This tries to convert the block to an integer in base 16 (hexadecimal). If the block is not a valid hexadecimal number, a ``ValueError`` exception will be raised.
8. ``except ValueError:`` - If a ``ValueError`` exception is raised, it means the block is not a valid hexadecimal number, so the function returns ``False``.
9. ``return True`` - If all the checks pass, the function returns ``True``, indicating that the input string is a valid IPv6 address.

I HAVE THE POWER !!!

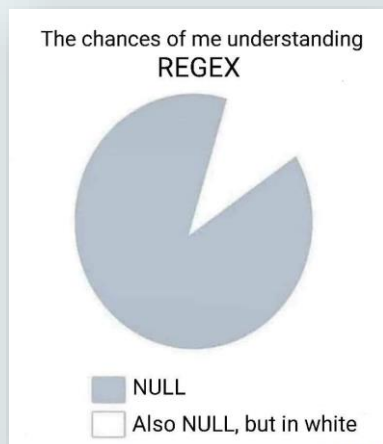
Conquering Regex, Calculus, Excel



Regex - Understanding

What does this line of code do ?

```
search_re = re.findall(  
r'(\*+).(\[.*?\])(\(..*?\))  
.?-(.+)', <all_text>,  
re.M|re.I)
```



This line of code uses the regular expression module in Python to search for a specific pattern in a given input text (`<all_text>`).

The regular expression used in this code is `r'(*+).(\[.*?\])(\(..*?\))?.?-(.+)'`, which consists of several groups of characters enclosed in parentheses:

- `(*+)`: Matches one or more asterisks (`*`).
- `(\[.*?\])`: Matches a string enclosed in square brackets (`[...]`) that may contain any character (except newlines) zero or more times.
- `(\(..*?\))`: Matches a string enclosed in parentheses (`(...)`) that may contain any character (except newlines) zero or more times.
- `(.?)`: Matches any character zero or one times (the `?` makes it optional).
- `(.+)`: Matches any character one or more times.

The `re.findall()` function is used to find all non-overlapping occurrences of the regular expression in the input text. The `re.M|re.I` flags are passed as the third argument to enable multiline mode (`re.M`) and case-insensitive matching (`re.I`).

The function returns a list of tuples, where each tuple contains the matched groups of the regular expression for each occurrence found in the input text.

Regex - Create

1. Create a regex string for the following conditions
 - The first two chars are 'VB'
 - The next character can only be - p,d,b,m
 - The next set are numbers between 1000-9999
 - The last chars can only be one of the following - LHI,ARN,TZQ, PCA, NEA, RPL
 - Based on the above add a length checker
 - The string is not case sensitive
2. Correction - No, the last 3 chars are always 3 chars long, you need to add the length checker for the entire string. Also the 2nd group of chars should be in capitals
3. Correction - You have added [DPBM] check twice in a different way, also the length should be 14 chars long only

```
^(?=.{14}$)(?i)VB[DPBM][1-9]\d{3}(LHI|ARN|TZQ|PCA|NEA|RPL)$
```

Breaking it down:

- `^` matches the start of the string`
- `^(?=.{14}$)` is a positive lookahead that checks the length of the string to be 14 characters`
- `(?i)` enables case-insensitive matching`
- `VB` matches the literal characters "VB"`
- `[DPBM)` matches any one of the characters "D", "P", "B", or "M" in uppercase`
- `[1-9)` matches any digit from 1 to 9`
- `\d{3}` matches any three digits`
- `(LHI|ARN|TZQ|PCA|NEA|RPL)` matches one of the specified strings`
- `$` matches the end of the string`

This regex string should match strings that begin with "VB", followed by one of the uppercase letters "D", "P", "B", or "M", followed by a digit from 1 to 9, followed by any three digits, and ending with one of the specified strings ("LHI", "ARN", "TZQ", "PCA", "NEA", or "RPL"). The string should be exactly 14 characters long.

Ramanujan Summation, 26th Dimension math

1. Can you explain the intuition behind the Ramanujan summation ? How can an infinite series add up to $-1/12$? Please explain in simple terms.
2. In the book "Things to make and do in the fourth dimension" by Matt Parker - there is the concept of a sphere that increases in size even when bounded by other packing spheres (26th dimension onwards). Can you explain in ordinary terms.

*I think I will stick to pretending to understand.
When it comes to the strange and bewildering,
math out-weirds reality every time !!!*

Ramanujan summation is a mathematical technique that assigns a finite value to certain infinite series. This technique was developed by the famous Indian mathematician Srinivasa Ramanujan.

One of the most surprising results of Ramanujan summation is that some infinite series can be assigned a finite value that is not equal to the sum of the series in the usual sense. The sum of a series in the usual sense is defined as the limit of the partial sums of the series as the number of terms approaches infinity.

One example of such a series is the following:

$$1 + 2 + 3 + 4 + 5 + \dots$$

The sum of this series in the usual sense is infinite, since the series grows without bound as more terms are added.

However, using Ramanujan summation, this series can be assigned a finite value of $-1/12$. This may seem counterintuitive, but it arises from a deep connection between number theory, string theory, and quantum field theory.

In layman's terms, the Ramanujan summation of an infinite series is a way to assign a value to that series that makes sense in certain contexts. It is not the usual way of adding up a series, but it has proven to be useful in various areas of mathematics and physics.

It is important to note that the value assigned by Ramanujan summation is not the actual sum of the series, but rather a value that can be used in certain calculations and contexts.

Excel Formulas

Excel mastery though – maybe not !

1. Give an excel formula to populate one cell based on the following condition -

If cell value = 0, then take value from B4

If cell value is between 1 and 4, then take value from C4,

If cell value is between 5 and 8, then take value from D4,

If cell value is between 9 and 12, then take value from E4,

If cell value is above 12, then take value from F4

Assuming the cell that needs to be populated is A1, the following formula can be used:

```
=IF(A1=0,B4,IF(A1<=4,C4,IF(A1<=8,D4,IF(A1<=12,E4,F4))))
```

Explanation:

- The IF function is used to check the condition for each case.
- If A1 is equal to 0, then the formula returns the value from B4.
- If A1 is less than or equal to 4, then the formula returns the value from C4.
- If A1 is less than or equal to 8, then the formula returns the value from D4.
- If A1 is less than or equal to 12, then the formula returns the value from E4.
- If A1 is greater than 12, then the formula returns the value from F4.

2. In this formula

```
=IF(B18<G18,"Major impairment",IF(AND(B18>=B18,B18<=F18),"Minor impairment","No problems"))
```

B18 cell has value 1, G18 has value 0, C18 has value 3.8, F18 has value 1.9

The result shows "No problems" but it should show "Major impairment"

What is the error and correct the formula accordingly. Explain the correction.



And so much more ...

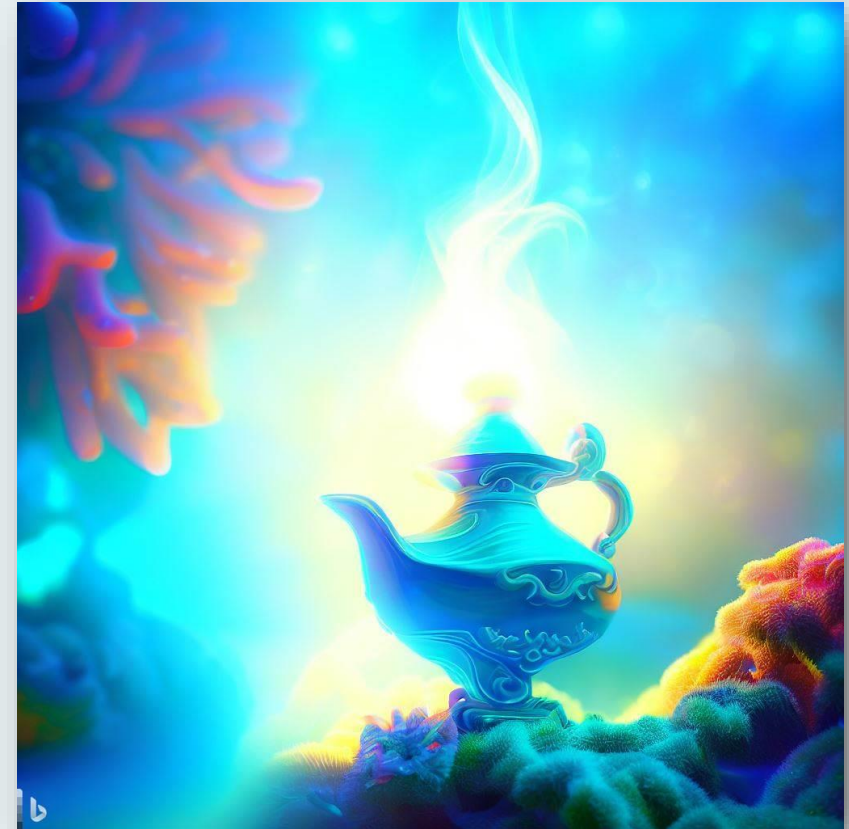
MORE ...

- Proof read for grammar and readability
- Travel Itinerary
- Prompts – ChatGPT, Midjourney etc.
- Competitive analysis, Market Research
- Persuasion cues – assertive, enthusiastic etc.
- Worksheets for teachers
- SQL queries
- Generate sample data
- Translation into different languages
- ... etc. *(Share your prompts if you think they work really well)*

Tips

- The more detailed the prompt the better the result. Since it is a conversational bot, continue the interactive session for better results
- Give feedback – click the “thumbs up” or “thumbs down” button as applicable
- It retains context, so for some prompts you can just go to that saved chat and ask for more – like say you have a prompt for weekly menus and you are happy with the result, you can go to it every week and ask ‘more’, to get your next week’s menu

The principle is to consider it a starting point or an accelerator for your awesome creation - be it an article, an important mail, a study plan, nuggets of knowledge or code.





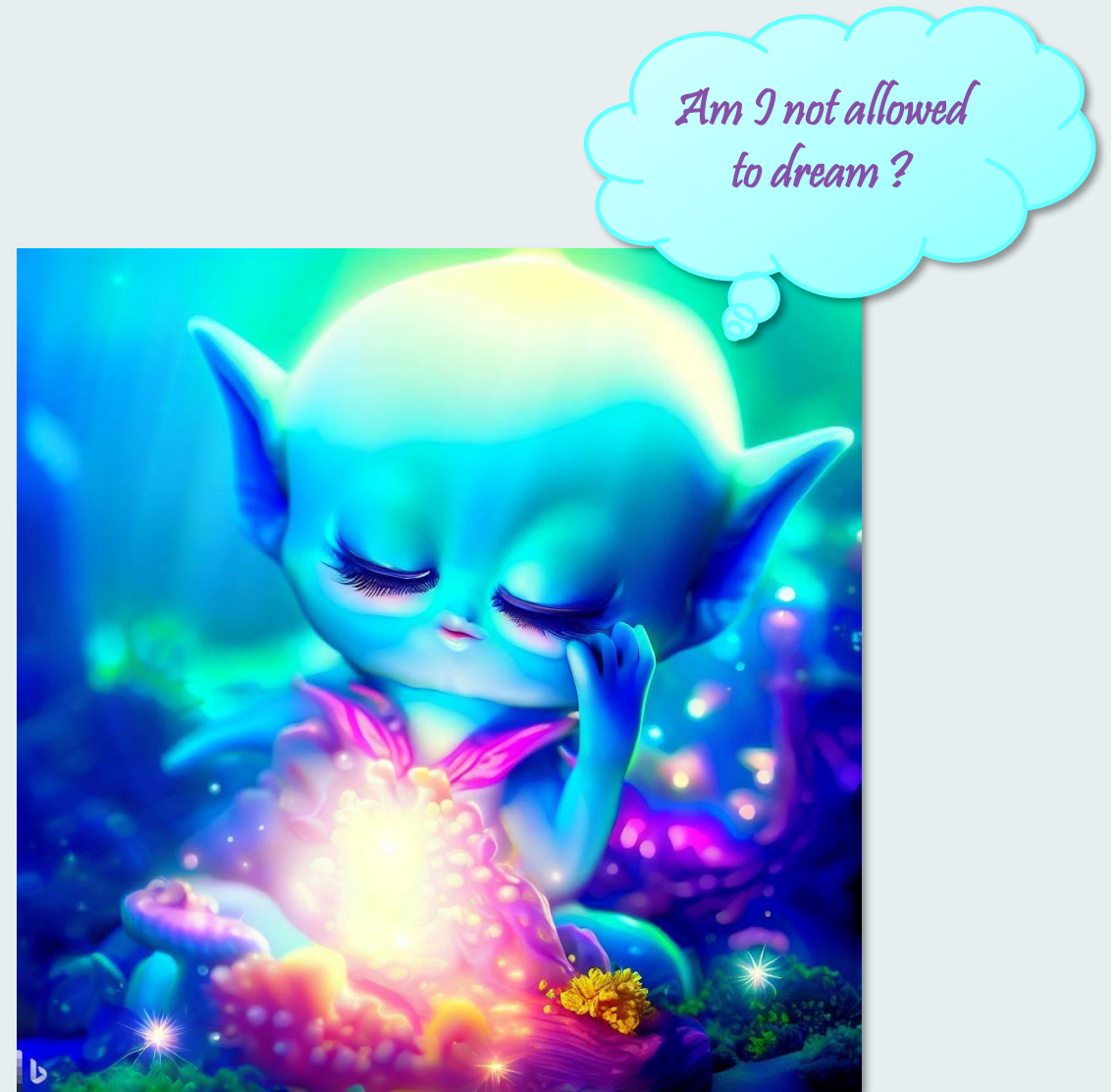
Surely you know about 'caveat emptor' ? After all when the product is nearly free, you are the product or as in this case, your data is the product !!!

The Fine Print

- ChatGPT can make up facts, in other words it can '**hallucinate**'. Verify before you claim unicorns are extinct !!!
- ChatGPT is trained on data only till 2021. The browser option is not yet generally available.
- ChatGPT can make mistakes.
- The more complex the task, the more difficult it is to prompt the AI.
- ChatGPT will use whatever data you input, to learn. So when you summarize meeting transcripts or get key ideas from a conversation, do not expect the data to remain private. Many companies ban the use of ChatGPT. Italy has banned it too.

Samsung employees accidentally leaked company secrets via ChatGPT

JPMorgan joins Amazon, Verizon and Accenture in banning staff from using ChatGPT





What does the future look like ?

AutoGPT ? Baby AGI ?

Self prompting tools with long term memory.

Can autonomously achieve a goal that you set.

It can prioritize the list of tasks to achieve that goal, complete the tasks and shutdown.

[GitHub - Torantulino/Auto-GPT](https://github.com/Torantulino/Auto-GPT):An experimental open-source attempt to make GPT-4 fully autonomous.



No one can predict the future

- Will you lose your job ?
You may or may not lose your job to AI directly but you will most likely lose out to someone who knows how to use AI. Prompt Engineering is the way to go. Check out flowgpt.com
- ChatGPT is GPT-3, there is already GPT-4 which allows for multi-modal inputs. You can show it a picture and it creates a wire-frame from it.
- Bing Search is integrated with ChatGPT but it is still relatively new. Reminds me of how ChatGPT was last November. However unlike ChatGPT, it does have up-to-date results and can summarize pdfs when given a pdf link.



Some related links

- [Using GPT-3 to create the next generation of AI-powered characters](#)
- Personalized tutors ([KhanAcademy](#))
- [GPT-4 coding assistant can now build & deploy brand new web apps using voice commands](#)
- Microsoft 365 Copilot | Your Copilot for Work – [\[1\]](#), [\[2\]](#)
- [Elon Musk and other tech leaders call for pause in ‘out of control’ AI race](#)
- [Be My Eyes uses GPT-4 to transform visual accessibility](#)
- [Runway can generate videos with text prompts](#)
- [Morgan Stanley wealth management deploys GPT-4 to organize its vast knowledge base](#)
- [An A.I.-Generated Picture Won an Art Prize. Artists Aren’t Happy](#)
- [Microsoft lays off ethical AI team in ChatGPT era](#)
- [The mounting human and environmental costs of generative AI](#)
- [AI art tools Stable Diffusion and Midjourney targeted with copyright lawsuit](#) - The suit claims generative AI art tools violate copyright law by scraping artists’ work from the web without their consent.



AI Images are created In Microsoft Bing AI Image Creator

Finally, the answer to the Ultimate Question of Life, the Universe, and Everything is Forty-two !!!

- *Hitchhiker's Guide to the Galaxy, the supercomputer Deep Thought's answer to the Great question in life.*

***So Long, and Thanks for All the Fish !!!
Vidya Bhandary***

<https://github.com/vidyabhandary>
<https://in.linkedin.com/in/vidyabhandary>