



ChatGPT Unleashed

From Code Wizards to Silly Shenanigans!

David Giard

- Partner Solution Architect, Microsoft
- davidgiard.com
- technologyandfriends.com
- aka.ms/gcast





What is ChatGPT?

“ChatGPT is a large language model developed by OpenAI, capable of performing a wide range of natural language processing tasks, including conversational chatbots, using deep learning-based unsupervised learning.”

-ChatGPT

Definitions

- Generative AI
 - A subset of Artificial Intelligence (AI) that creates new content based on what it has learned from existing content. Can include text, image, or audio
- Large Language Models (LLMs)
 - Foundational Machine Learning models that use deep learning algorithms to process and understand natural language

ChatGPT Capabilities

- Understands Natural Language
- Context Window (Remembers what user said earlier in the conversation)
- Allows user to provide follow-up corrections
- Trained to decline inappropriate requests
- Free version available!

ChatGPT Limitations

- May occasionally generate incorrect information
- May occasionally produce harmful instructions or biased content
- Limited knowledge of world and events after June 2024

Pricing (January 2026)

Tier	Monthly Price
Free	\$0
Go	~\$8
Plus	~\$20
Pro	~\$200
Business	~\$25 per user (annual billing)
Enterprise	Custom pricing

Free Tier Limitations

- Rate Limits for GPT-5.2 / GPT-4o
- Rate limits for tools (image upload, image generation, code analysis)
- Smaller context window
- Slower Response

Sign Up, Start Using It

- <https://chat.openai.com>

Ways to Make ChatGPT Work for You: IT

- Generate code
- Explain code
- Write automated test

Ways to Make ChatGPT Work for You: Career

- Writing summaries, title, articles, and emails
- Writing job descriptions or professional bios

Ways to Make ChatGPT Work for You: Education

- Explain complex topics
- Create a learning plan
- Quiz me on a topic

Ways to Make ChatGPT Work for You: Having Fun

- Engaging in casual conversations
- Playing games with ChatGPT
- Asking ChatGPT for jokes or funny stories
- Getting creative with ChatGPT

Output Options

- Text
- Tabular
- ASCII Art

Tips for Maximizing your ChatGPT Experience

- Be Specific
- Be clear
- Provide context
- Define your audience
- Define the speaker
- Try different conversation starters
- Ask open-ended questions
- Be open-minded
- Experiment with different types of games
- Trust, but verify
- Correct ChatGPT, when it is wrong



Ethical Questions

- Can ChatGPT do my homework?
- How much credit is due to the data in models?
- Can I take credit for an outline, email, or article written by ChatGPT?
- Can I trust ChatGPT?



I have a presentation that introduces ChatGPT and shows many examples of using ChatGPT to help with software development, with common business tasks, and with writing. I also show some fun and silly ways to use ChatGPT. I will show many examples as part of this presentation.

Write an abstract for this presentation. The abstract should contain fewer than 150 words.



Abstract:



Discover the remarkable capabilities of ChatGPT in our engaging presentation. We explore how ChatGPT can transform software development, streamline common business tasks, and enhance writing processes. Through a plethora of examples, we demonstrate how ChatGPT can serve as a powerful assistant in code generation, debugging, and problem-solving for developers. Furthermore, we showcase its versatility in simplifying business activities such as drafting emails, generating reports, and providing efficient customer support.

But that's not all! Join us as we delve into the playful and imaginative side of ChatGPT, showcasing its ability to entertain and inspire with fun and silly interactions. With its natural language processing prowess and contextual understanding, ChatGPT responds seamlessly to a wide array of inquiries and prompts.

By the end of this presentation, you'll gain a comprehensive understanding of ChatGPT's potential applications across software development, business tasks, and writing, leaving you equipped to leverage this powerful tool in your own endeavors. Get ready to explore the exciting possibilities that ChatGPT brings to the table.



Write a fun title for the above presentation



"ChatGPT Unleashed: From Code Wizards to Silly Shenanigans!"



Microsoft and OpenAI partnership



Ensure that artificial general intelligence (AGI) benefits humanity



Empower every person and organization on the planet to achieve more

Azure OpenAI Service – as of November 15, 2023

GPT-4, GPT-4-Turbo, GPT-3.5-Turbo

Language

GPT-4-Turbo with Vision

Multi-Modal

Babbage, Davinci, GPT-3.5-Turbo

Fine Tuning

DALL·E 3

Images

Whisper

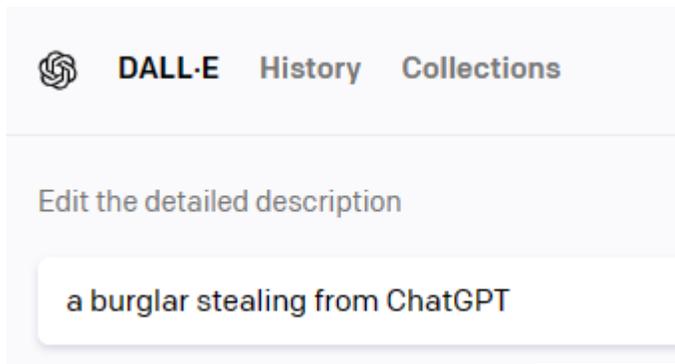
Transcription & Translation

Azure AI Studio

Demos

- Disclaimer:
 - Mostly Harmless
 - Mostly Stolen

<https://chat.openai.com>



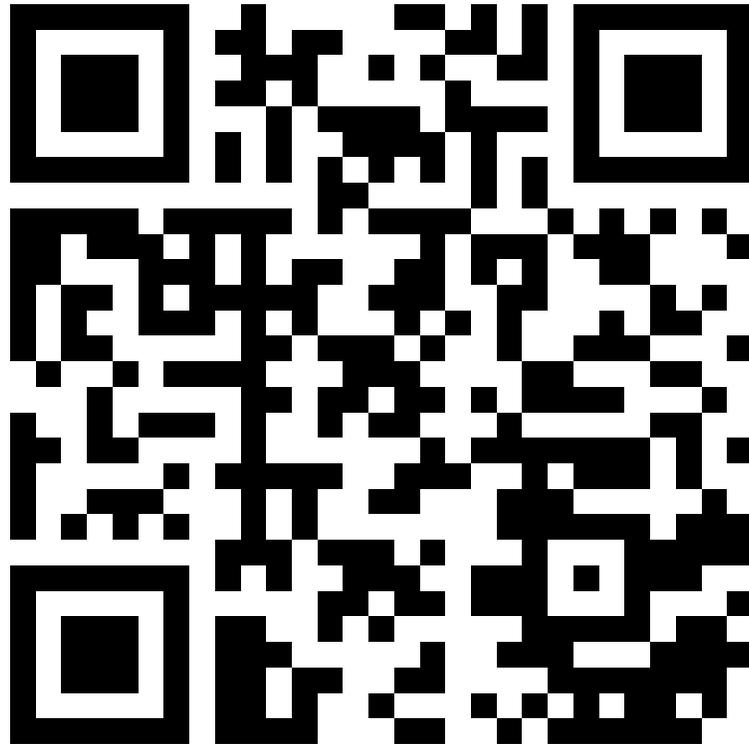
You Try It!

Links

- <https://gridfiti.com/best-chatgpt-prompts/>
- <https://www.linkedin.com/feed/update/urn:li:activity:7066386899451428864/>
- https://www.linkedin.com/feed/update/urn:li:activity:7069281452240039936/?utm_source=share&utm_medium=member_ios
- https://microsoft.sharepoint.com/teams/CS_CE/SitePages/CE-Beat-Alcareer.aspx
- <https://aka.ms/careergpt>

These Slides

- tinyurl.com/dgChatGPTSlides



Thank You!

Sample Prompts

Coding Prompts

How do I delete a row in MongoDB using PHP?

ChatGPT

To delete a row (document) in MongoDB using PHP, you can use the `deleteOne()` or `deleteMany()` method of the MongoDB PHP library, depending on whether you want to delete a single document or multiple documents. Here's how you can do it:

```
php Copy code  
  
<?php  
// Connect to MongoDB  
$mongoClient = new MongoClient("mongodb://localhost:27017");  
  
// Select a database  
$database = $mongoClient->selectDatabase('your_database_name');  
  
// Select a collection  
$collection = $database->selectCollection('your_collection_name');  
  
// Delete a single document  
$collection->deleteOne(['_id' => new MongoDB\BSON\ObjectId('document_id_to_delete')]);  
  
// Delete multiple documents  
// $collection->deleteMany(['your_condition' => 'value']);  
  
echo "Document deleted successfully";  
?>
```

Replace `'your_database_name'`, `'your_collection_name'`, and `'document_id_to_delete'` with your actual database name, collection name, and the ID of the document you want to delete, respectively.

If you want to delete multiple documents based on a condition, replace `deleteOne()` with `deleteMany()` and provide the query condition in the argument. Make sure to handle errors and exceptions appropriately in a production environment.



Generate sample baseball statistics data as CSV.

Output 20 records.

ChatGPT

Sure, here's an example of how you could generate sample baseball statistics data in CSV format using PHP:

```
php Copy code

<?php

// Function to generate random baseball statistics data
function generateBaseballStats($playerNumber) {
    $player = "Player " . $playerNumber;
    $hits = rand(100, 200);
    $atBats = rand(300, 600);
    $homeRuns = rand(10, 30);
    $rbis = rand(30, 100);
    $average = number_format($hits / $atBats, 3);
    return [$player, $hits, $atBats, $homeRuns, $rbis, $average];
}

// Generate CSV header
$header = ['Player', 'Hits', 'At Bats', 'Home Runs', 'RBIs', 'Batting Average'];

// Generate 20 records
$records = [];
for ($i = 1; $i <= 20; $i++) {
    $records[] = generateBaseballStats($i);
}

// Output CSV
$outputFile = fopen('baseball_stats.csv', 'w');
fputcsv($outputFile, $header);
foreach ($records as $record) {
    fputcsv($outputFile, $record);
}
fclose($outputFile);

echo "CSV file generated successfully.";

?>
```

This code will generate a CSV file named 'baseball_stats.csv' with 20 records of randomly generated baseball statistics, including player name, hits, at-bats, home runs, RBIs, and batting average. You can adjust the range of random values according to your preference.



Write C# code to Generate sample baseball statistics data as CSV.

Output 1000 records.

```
using System;
using System.Collections.Generic;
using System.IO;

class Program
{
    static void Main(string[] args)
    {
        // Generate CSV header
        string[] header = { "Player", "Hits", "At Bats", "Home Runs", "RBIs", "B"

        // Generate 1000 records
        List<string[]> records = new List<string[]>();
        for (int i = 1; i <= 1000; i++)
        {
            records.Add(GenerateBaseballStats(i));
        }

        // Output CSV
        string outputFile = "baseball_stats.csv";
        using (StreamWriter writer = new StreamWriter(outputFile))
        {
            writer.WriteLine(string.Join(",", header));
            foreach (string[] record in records)
            {
                writer.WriteLine(string.Join(",", record));
            }
        }

        Console.WriteLine("CSV file generated successfully.");
    }

    // Function to generate random baseball statistics data
    static string[] GenerateBaseballStats(int playerNumber)
    {
        string player = "Player " + playerNumber;
        Random rand = new Random();
        int hits = rand.Next(100, 201);
        int atBats = rand.Next(300, 601);
        int homeRuns = rand.Next(10, 31);
        int rbis = rand.Next(30, 101);
        double average = Math.Round((double)hits / atBats, 3);
        return new string[] { player, hits.ToString(), atBats.ToString(), homeRu
    }
}
```

This code will generate a CSV file named `baseball_stats.csv` with 1000 records of randomly generated baseball statistics, including player name, hits, at-bats, home runs, RBIs, and batting average. Adjust the range of random values as per your requirements.

Find a public dataset with baseball statistics



ChatGPT

One publicly available dataset with baseball statistics is the Lahman Baseball Database. It's a comprehensive database of baseball statistics that covers Major League Baseball (MLB) from 1871 through the most recent completed season.

You can find the Lahman Baseball Database here: [Lahman Baseball Database](#)

It includes various tables such as players, teams, batting statistics, pitching statistics, fielding statistics, salaries, and more. You can download the database in various formats, including CSV, SQL, and Excel.



Write python code to import this dataset

 ChatGPT

To import the Lahman Baseball Database into Python, you can download the CSV version of the database and then use libraries such as Pandas to read the CSV files. Here's a simple example:

python

 Copy code

```
import pandas as pd

# Load CSV files into Pandas DataFrames
batting_df = pd.read_csv('Batting.csv')
pitching_df = pd.read_csv('Pitching.csv')
players_df = pd.read_csv('Master.csv')
teams_df = pd.read_csv('Teams.csv')

# Example usage: Display the first few rows of the Batting DataFrame
print("Batting DataFrame:")
print(batting_df.head())

# Example usage: Display the first few rows of the Pitching DataFrame
print("\nPitching DataFrame:")
print(pitching_df.head())

# Example usage: Display the first few rows of the Master DataFrame
print("\nMaster DataFrame:")
print(players_df.head())

# Example usage: Display the first few rows of the Teams DataFrame
print("\nTeams DataFrame:")
print(teams_df.head())
```

Make sure you have the Lahman Baseball Database downloaded and the CSV files saved in the same directory as your Python script. Adjust the file names accordingly if you've saved them in a different location. You can then explore the DataFrames using Pandas functions and perform various analyses or visualizations.

Do EDA on the above data



```
batting_corr = batting_df[['H', '2B', '3B', 'HR', 'RBI', 'BB', 'SO', 'BA']].corr
plt.figure(figsize=(10, 8))
sns.heatmap(batting_corr, annot=True, cmap='coolwarm', fmt=".2f")
plt.title('Correlation Heatmap for Batting Statistics')
plt.show()

# Top 10 players by career home runs
top_home_run_hitters = players_df.sort_values(by='HR', ascending=False).head(10)
print("\nTop 10 Players by Career Home Runs:")
print(top_home_run_hitters[['nameFirst', 'nameLast', 'HR']])

# Teams with the most World Series wins
world_series_wins = teams_df.groupby('name').sum()['WSWin'].sort_values(ascending=False)
print("\nTeams with the Most World Series Wins:")
print(world_series_wins)
```

This code performs several EDA tasks:

1. Prints basic information about each DataFrame.
2. Displays summary statistics for the Batting DataFrame.
3. Checks for missing values in the Batting DataFrame.
4. Plots the distribution of batting average.
5. Creates a correlation heatmap for batting statistics.
6. Prints the top 10 players by career home runs.
7. Prints the teams with the most World Series wins.

Feel free to further explore the data and perform additional analyses based on your interests and research questions.



Business Prompts

I have a sick child. I cannot make the meeting. Write a professional email saying I cannot make it. Keep it to 4 sentences or less.



ChatGPT

Subject: Unable to Attend Meeting Due to Child's Illness

Dear [Recipient's Name],

I regret to inform you that I am unable to attend the meeting scheduled for [date and time]. My child has fallen ill, requiring my immediate attention and care. Please accept my apologies for any inconvenience caused, and I will ensure to catch up on the meeting details afterward.

Best regards,

[Your Name]



Write a professional bio for David Giard



ChatGPT

David Giard is a seasoned technology professional with over a decade of experience in software development, technical writing, and public speaking. He holds a Bachelor's degree in Computer Science and has worked with a diverse range of clients and industries, delivering innovative solutions and driving business growth. David is passionate about sharing his knowledge and expertise, frequently contributing articles to leading tech publications and speaking at industry conferences worldwide. With a reputation for excellence in both technical and communication skills, David is committed to helping organizations leverage technology to achieve their goals.



Write a professional bio for David Giard as a haiku



ChatGPT

David Giard thrives, speaks,
Tech sage, wordsmith, guiding light,
Innovation's voice.



Write a professional bio for David Giard in the voice of Foghorn Leghorn



ChatGPT

Ah say, ah say, David Giard here, folks! A tech whiz with more tricks up his sleeve than a hen has eggs. With a knack for them fancy computers and a tongue sharp as a rooster's spur, he's been strutting his stuff in the tech world for quite some time now. So, hold onto your feathers, folks, 'cause with David around, there ain't no barnyard problem he can't fix!



Creative Writing Prompts

Provide an outline with 5 bullet points for an article on getting started with Kubernetes.

 **ChatGPT**

Certainly! Here's a concise outline with 5 bullet points for an article on getting started with Kubernetes:

1. Introduction to Kubernetes

- Define Kubernetes and its role in container orchestration.
- Briefly explain the benefits of using Kubernetes for managing containerized applications.

2. Setting Up Kubernetes

- Provide step-by-step instructions for setting up a Kubernetes cluster locally using Minikube or Kind.
- Explain how to install kubectl, the Kubernetes command-line tool, for interacting with the cluster.

3. Deploying Your First Application

- Walk readers through deploying a sample application to the Kubernetes cluster.
- Cover the basics of creating Kubernetes manifests (YAML files) to define application components.

4. Managing Applications in Kubernetes

- Introduce key concepts like pods, deployments, and services.
- Explain how to manage application lifecycle, scaling, and rolling updates using Kubernetes resources.

5. Next Steps and Resources

- Offer tips for further exploration, such as learning advanced Kubernetes features, exploring cloud-managed Kubernetes services, or joining Kubernetes communities.
- Provide links to relevant documentation, tutorials, and community resources for continued learning.

This streamlined outline provides readers with a clear roadmap for getting started with Kubernetes, focusing on essential steps and resources to kickstart their journey into container orchestration.



I am a software engineer who teaches DevOps.
Give me 5 content or newsletter ideas, please.

 **ChatGPT**

Absolutely! Here are five content or newsletter ideas tailored for a software engineer teaching DevOps:

- 1. Tool Spotlight Series:** Create a series of articles or newsletter editions that spotlight different DevOps tools, such as Docker, Kubernetes, Jenkins, Ansible, and Terraform. Each edition could provide an overview of the tool, its key features, use cases, best practices, and tips for implementation.
- 2. Case Studies and Success Stories:** Share real-world case studies and success stories of organizations implementing DevOps practices. Highlight the challenges they faced, the solutions they adopted, and the outcomes they achieved. This could inspire your audience and provide practical insights into DevOps implementation.
- 3. Weekly Tips and Tricks:** Offer a weekly newsletter segment featuring quick tips and tricks for improving DevOps workflows. These tips could cover a range of topics, including CI/CD pipeline optimization, infrastructure as code best practices, container security tips, automation techniques, and more.
- 4. Q&A and Ask-Me-Anything (AMA) Sessions:** Host periodic Q&A or AMA sessions where your audience can submit questions about DevOps practices, tools, challenges, or career advice. You can answer these questions in your newsletter or through live sessions, fostering engagement and providing valuable insights to your audience.
- 5. Guest Expert Interviews:** Invite experts from the DevOps community to participate in interviews or guest articles. These experts could share their expertise, insights, and experiences in areas such as continuous integration, continuous delivery, cloud-native development, site reliability engineering (SRE), and more. This not only diversifies your content but also provides your audience with perspectives from industry leaders.

These content and newsletter ideas can help you engage your audience, provide valuable insights, and establish yourself as a trusted resource in the DevOps community.

Recommendations Prompts

I liked the movie "Big Fish".

Can you recommend some others I might like?

 ChatGPT

If you enjoyed "Big Fish," you might appreciate these other films with similar themes of storytelling, magical realism, and heartfelt exploration of life's mysteries:

1. **"The Secret Life of Walter Mitty"** (2013) - Follows a daydreamer who embarks on a global journey to find a missing photograph, discovering adventure and self-discovery along the way.
2. **"Big Fish & Begonia"** (2016) - An animated fantasy film that tells the story of a young girl from a mystical realm who transforms into a red dolphin and embarks on a quest to explore the human world.
3. **"Amélie"** (2001) - A whimsical French film about a shy waitress who sets out to positively impact the lives of those around her, weaving together a tapestry of magical moments in Paris.
4. **"The Curious Case of Benjamin Button"** (2008) - A visually stunning film that follows the life of a man who ages backward, exploring themes of love, time, and the human experience.
5. **"Big"** (1988) - A classic comedy-drama where a young boy makes a wish to be "big" and wakes up in the body of an adult, navigating the complexities of adulthood while retaining his childlike wonder.
6. **"Life of Pi"** (2012) - An epic adventure film based on the novel by Yann Martel, following a young man's journey across the ocean with a Bengal tiger, exploring themes of faith, survival, and storytelling.
7. **"Edward Scissorhands"** (1990) - A gothic fairy tale directed by Tim Burton, telling the story of a gentle but misunderstood man with scissors for hands who finds acceptance and love in a suburban community.
8. **"The Grand Budapest Hotel"** (2014) - A visually stunning and whimsical film directed by Wes Anderson, following the adventures of a hotel concierge and his loyal lobby boy as they navigate a changing world.

These films share elements of fantasy, adventure, and emotional depth, similar to the magical storytelling found in "Big Fish."



Can you recommend a good espresso machine in the \$500-1000 price range?

Certainly! In the \$500-1000 price range, you can find several high-quality espresso machines that offer excellent performance and durability. Here are a few options to consider:

1. Breville BES870XL Barista Express Espresso Machine:

- Features a built-in conical burr grinder for freshly ground coffee.
- Offers precise espresso extraction with its 15-bar Italian pump and digital temperature control.
- Includes a steam wand for frothing milk and creating creamy lattes or cappuccinos.
- Durable stainless steel construction and user-friendly interface.

2. Gaggia Classic Pro Semi-Automatic Espresso Machine:

- A popular choice among espresso enthusiasts for its simplicity and reliability.
- Equipped with a commercial-style 58mm portafilter and advanced features for consistent extraction.
- Steam wand for frothing milk and adjustable brew pressure for customization.
- Sturdy stainless steel construction and compact design.

3. De'Longhi La Specialista Espresso Machine:

- Offers a hybrid espresso machine design with manual and automatic features.
- Sensor grinding technology ensures the perfect grind size for optimal extraction.
- Dual heating system for precise temperature control and quick heat-up.
- Integrated sensor grinder, smart tamping station, and active temperature control for consistent results.

4. Rancilio Silvia Espresso Machine:

- Known for its commercial-grade build quality and performance.
- Features a commercial-grade 58mm portafilter and brass boiler for excellent heat stability.
- Includes a professional steam wand for velvety milk frothing.
- Simple and durable design with stainless steel construction.

5. Lelit PL41TEM Anna Espresso Machine:

- Compact and stylish espresso machine with advanced temperature control.
- PID temperature controller ensures precise temperature stability for optimal extraction.
- Professional-grade steam wand for creating microfoam for lattes and cappuccinos.
- Comes with a built-in water reservoir and drip tray for easy maintenance.

These espresso machines offer a range of features and capabilities to suit different preferences and brewing styles. Be sure to consider factors such as build quality, ease of use, and available features when making your decision.

My 15-year-old son loves basketball.

His birthday is next week.

What should I get him?

 ChatGPT

For a basketball-loving 15-year-old, here are some gift ideas that he might enjoy:

- 1. Basketball Hoop:** Consider getting him a portable basketball hoop for his driveway or backyard. It's a great way for him to practice his shots and have fun with friends.
- 2. Basketball Shoes:** A new pair of basketball shoes from his favorite brand could be a fantastic gift. Look for a style that offers good support, traction, and comfort for playing on the court.
- 3. Basketball Jersey:** Get him a jersey from his favorite NBA team or player. It's a cool way for him to show support while playing or watching games.
- 4. Basketball Training Equipment:** There are many training aids available, such as dribble goggles, shooting sleeves, or agility cones, that can help improve his skills and performance on the court.
- 5. NBA 2K Video Game:** If he enjoys gaming, consider getting him the latest NBA 2K video game. It allows him to play as his favorite NBA teams and players, providing hours of entertainment.
- 6. Basketball Backpack:** A basketball-themed backpack or gym bag can be a practical and stylish gift for carrying his gear to and from games and practices.
- 7. Basketball Books or DVDs:** Look for books or DVDs that offer tips, strategies, or inspiring stories about basketball. It's a thoughtful gift that can help him learn more about the game and stay motivated.
- 8. Tickets to a Basketball Game:** If there's a local basketball game or NBA event coming up, consider surprising him with tickets to attend. It's a memorable experience that he'll cherish.
- 9. Basketball Memorabilia:** Find a signed basketball or memorabilia item from his favorite player or team. It's a unique gift that can become a prized possession.
- 10. Basketball Training Camp or Clinic:** Enroll him in a basketball training camp or clinic where he can receive professional coaching and improve his skills alongside other players who share his passion.

Consider his interests and preferences when choosing the perfect gift, and don't forget to add a personal touch to make it extra special for his birthday celebration!



Life Prompts

What are some good conversation starters on a first date?

ChatGPT

On a first date, it's important to keep the conversation light, positive, and engaging. Here are some good conversation starters to help break the ice and get to know each other better:

1. **Ask About Their Hobbies and Interests:** "What do you like to do for fun in your free time?"
2. **Discuss Travel Experiences:** "Have you been on any memorable trips or vacations recently?"
3. **Share Favorite Movies or TV Shows:** "Do you have a favorite movie or TV show that you've been binge-watching lately?"
4. **Talk About Food and Restaurants:** "Do you enjoy cooking? What's your favorite type of cuisine?"
5. **Ask About Their Career or Education:** "Tell me about what you do for work or what you're studying in school."
6. **Discuss Shared Experiences:** "Have you ever been to this restaurant/venue before? What did you think?"
7. **Talk About Future Goals and Aspirations:** "Where do you see yourself in the next few years? Any big plans or goals?"
8. **Share Funny Stories or Anecdotes:** "Do you have any embarrassing/funny stories from your past that you're willing to share?"
9. **Ask About Their Family and Background:** "Tell me about your family. Do you have any siblings?"
10. **Discuss Favorite Music or Concerts:** "What type of music do you enjoy listening to? Have you been to any good concerts lately?"

Remember to actively listen to their responses and ask follow-up questions to keep the conversation flowing. Avoid controversial topics, negative subjects, or anything too personal on a first date. The goal is to create a relaxed and enjoyable atmosphere where both of you feel comfortable opening up and getting to know each other better.



Give me an itinerary for my 3-day vacation in Lisbon, Portugal

✎ ChatGPT

Here's a suggested itinerary for a 3-day vacation in Lisbon, Portugal:

Day 1: Explore the Historic Center

• Morning:

- Start your day with a visit to the iconic Belém district.
- Visit the Belém Tower, a UNESCO World Heritage Site, and explore its architectural beauty.
- Stop by the Jerónimos Monastery, a masterpiece of Manueline architecture, and admire its intricate details.
- Enjoy a delicious pastel de nata (Portuguese custard tart) at the famous Pastéis de Belém bakery.

• Afternoon:

- Head back to the city center and wander through the charming streets of Alfama, one of Lisbon's oldest neighborhoods.
- Visit the São Jorge Castle for panoramic views of the city and learn about its rich history.
- Explore the Lisbon Cathedral (Sé de Lisboa), a stunning example of Romanesque architecture.

• Evening:

- Experience Fado, Portugal's soulful music genre, at a traditional Fado house in Alfama.
- Enjoy dinner at a local restaurant serving traditional Portuguese cuisine, such as bacalhau (salted codfish) or grilled sardines.

Day 2: Discover Modern Lisbon

• Morning:

- Start your day with a visit to the lively district of Chiado.
- Explore the historic cafes, boutique shops, and art galleries in the area.
- Visit the National Museum of Contemporary Art (MNAC) to see works by Portuguese artists.

• Afternoon:

- Take a tram ride on Tram 28, one of Lisbon's iconic yellow trams, through the picturesque neighborhoods of Graça and Estrela.
- Visit the LX Factory, a creative hub housed in a former industrial complex, with art studios, shops, cafes, and street art.

• Evening:

- Watch the sunset at Miradouro da Senhora do Monte, one of Lisbon's best viewpoints.
- Enjoy dinner at a trendy restaurant in the Bairro Alto district, known for its vibrant nightlife.

Day 3: Day Trip to Sintra



What's the best way to make new friends when moving to Denver?

» CHICAGO

Moving to a new city like Denver can be an exciting opportunity to meet new people and make friends. Here are some tips to help you make new friends in Denver:

- 1. Join Social Groups and Meetups:** Look for local social groups and Meetup events in Denver that align with your interests and hobbies. Whether it's hiking, photography, book clubs, or gaming, joining these groups can be a great way to meet like-minded individuals and build friendships.
- 2. Attend Community Events and Festivals:** Denver hosts a variety of community events, festivals, and cultural celebrations throughout the year. Attend these events to immerse yourself in the local culture, meet new people, and engage in fun activities.
- 3. Take Classes or Workshops:** Enroll in classes or workshops that interest you, such as cooking classes, art classes, or fitness classes. These provide opportunities to meet people with similar interests and bond over shared experiences.
- 4. Volunteer:** Get involved in volunteering opportunities in Denver. Whether it's at a local charity, community center, or animal shelter, volunteering not only allows you to give back to the community but also provides opportunities to meet new people and make meaningful connections.
- 5. Join Sports Leagues or Fitness Groups:** If you enjoy sports or fitness activities, consider joining a recreational sports league or fitness group in Denver. Whether it's soccer, basketball, running clubs, or yoga classes, participating in these activities can help you meet active and sociable individuals.
- 6. Attend Networking Events:** Look for professional networking events in your industry or field of interest. These events provide opportunities to meet professionals, entrepreneurs, and like-minded individuals who can become friends or valuable contacts.
- 7. Explore Cafes, Bars, and Restaurants:** Strike up conversations with people you meet while exploring Denver's cafes, bars, and restaurants. Many locals are friendly and open to chatting with newcomers, especially if you share common interests or experiences.
- 8. Use Social Media and Online Forums:** Join local Facebook groups, subreddit communities, or online forums for Denver residents. These platforms often organize meetups, gatherings, and social events where you can connect with others in the area.
- 9. Be Open and Approachable:** Be open-minded, approachable, and willing to initiate conversations with people you meet. Smile, introduce yourself, and show genuine interest in getting to know others. Building friendships takes time, so be patient and persistent in your efforts.

By actively participating in community activities, pursuing your interests, and being open to new experiences, you'll increase your chances of making meaningful connections and forming friendships in Denver.

Fun Prompts

Tell me a joke about Artificial Intelligence.



ChatGPT

Why was the computer cold?

Because it left its Windows open!



What would happen if the moon were made of cheese?



ChatGPT

It would be pretty grate! But I imagine there would be a lot of "lunar" cravings for crackers and wine.



Learning Prompts

I want to learn to play piano. I am a complete beginner.
Create a 30-day learning plan that will help me learn and improve.

Structure 1

Absolutely! Here's a 30-day learning plan to help you learn and improve your piano skills as a complete beginner:

Week 1: Introduction to Piano Basics

- Day 1-3: Learn the layout of the piano, including keys, pedals, and hand positioning.
- Day 4-5: Practice finger exercises to improve dexterity and flexibility.
- Day 6-7: Familiarize yourself with basic music theory concepts such as note names, rhythms, and time signatures.

Week 2: Getting Started with Simple Songs

- Day 8-10: Learn to play simple melodies using the right hand only.
- Day 11-12: Practice playing basic chords and chord progressions with the left hand.
- Day 13-14: Combine melodies and chords to play simple songs using both hands.

Week 3: Developing Technique and Coordination

- Day 15-17: Focus on developing proper hand and finger technique, including posture, wrist movement, and hand independence.
- Day 18-19: Practice scales and arpeggios to improve finger strength, coordination, and familiarity with the keyboard.
- Day 20-21: Work on rhythm and timing by practicing with a metronome and playing along with backing tracks.

Week 4: Building Repertoire and Refining Skills

- Day 22-24: Learn new songs of increasing difficulty, focusing on different genres and styles to broaden your musical repertoire.
- Day 25-26: Experiment with dynamics (volume) and articulation (expression) to add depth and emotion to your playing.
- Day 27-28: Review and refine previously learned pieces, focusing on areas of weakness and striving for consistency and accuracy.
- Day 29-30: Challenge yourself with more advanced techniques and musical concepts, such as improvisation, harmonization, and music interpretation.

Throughout the 30-day learning plan, remember to practice regularly, ideally for at least 30 minutes to an hour each day. Be patient with yourself and celebrate your progress along the way. Don't hesitate to seek out online tutorials, instructional videos, and piano resources to supplement your learning and keep yourself motivated. Enjoy the journey of discovering the beauty and joy of playing the piano!



I want to learn about quantum computing. Identify and share the most important 20% of learnings from this topic that will help me understand 80% of it.

Understanding the core concepts of quantum computing can be complex, but focusing on the most important principles can provide a solid foundation for further exploration. Here are the key concepts that encompass the most important 20% of quantum computing learnings, which can help you understand 80% of the topic:

- 1. Qubits:** Quantum bits, or qubits, are the basic units of quantum information. Unlike classical bits, which can be either 0 or 1, qubits can exist in a superposition of states, representing both 0 and 1 simultaneously.
- 2. Superposition:** Superposition is a fundamental property of qubits that allows them to exist in multiple states at once. This enables quantum computers to perform multiple calculations simultaneously, leading to potential speedup in certain computations.
- 3. Entanglement:** Entanglement is a phenomenon where the states of qubits become correlated with each other, even when separated by large distances. This property enables quantum computers to perform highly parallel computations and achieve greater computational power.
- 4. Quantum Gates:** Quantum gates are the building blocks of quantum circuits, similar to classical logic gates. They manipulate the states of qubits to perform specific quantum operations, such as superposition, entanglement, and phase shifts.
- 5. Quantum Algorithms:** Quantum algorithms are algorithms designed to run on quantum computers and exploit their unique properties to solve specific computational problems more efficiently than classical algorithms. Examples include Shor's algorithm for factoring large numbers and Grover's algorithm for searching unsorted databases.
- 6. Quantum Circuits:** Quantum circuits are sequences of quantum gates that perform computations on qubits. They represent the quantum equivalent of classical circuits and are used to implement quantum algorithms.
- 7. Quantum Measurement:** Quantum measurement is the process of extracting classical information from quantum systems. It collapses the superposition of qubit states into a definite classical state, allowing the output of quantum computations to be observed.
- 8. Quantum Error Correction:** Quantum error correction is a crucial aspect of quantum computing aimed at mitigating errors that arise due to noise and decoherence. It involves encoding quantum information redundantly to protect against errors and implementing error-correcting codes to detect and correct errors during computation.
- 9. Quantum Supremacy:** Quantum supremacy refers to the potential ability of quantum computers to outperform classical computers in certain tasks. Achieving quantum supremacy represents a significant milestone in the development of quantum computing and is the subject of ongoing research.
- 10. Applications of Quantum Computing:** Quantum computing has the potential to revolutionize various fields, including cryptography, optimization, drug discovery, materials science, and machine learning. Understanding the potential applications of quantum computing can provide insights into its real-world impact.

By focusing on these key concepts, you can develop a solid understanding of the fundamentals of quantum computing and its implications for future technology advancements. Further exploration and study can then delve into more advanced topics and applications within the field.

I am learning about Docker.

Ask me a series of questions to test my knowledge. Identify gaps in my answers and give me better answers to fill those gaps.

 ChatGPT

Great! Let's test your knowledge about Docker with a series of questions:

1. What is Docker, and how does it differ from virtual machines?
2. What is a Docker image, and how is it created?
3. How do you run a Docker container from an image?
4. What is a Dockerfile, and what is its purpose?
5. How do you manage Docker containers, including starting, stopping, and removing them?
6. What is Docker Compose, and how does it simplify the management of multi-container Docker applications?
7. What are Docker volumes, and why are they important?
8. How do you share Docker images with others, such as team members or the public?
9. What are some best practices for building efficient and secure Docker images?
10. How do you troubleshoot common issues when working with Docker containers?

Let's see how you do! Feel free to answer each question, and I'll provide feedback and additional information where needed.



Miscellaneous Prompts

Summarize the winners and losers of the NCAA Division 1 men's basketball Final Four from 2000 to 2010 into tabular form with the titles "Champion", "Runner Up", "Final Score", "Other Teams", "Location", and "MVP"

Unacademy

Here's a tabular summary of the winners and losers of the NCAA Division 1 men's basketball Final Four from 2000 to 2010:

Year	Champion	Runner Up	Final Score	Other Teams	Location	MVP
2000	Michigan State	Florida	89-76	North Carolina, Wisconsin	Indianapolis	Mateen Cleaves
2001	Duke	Arizona	82-72	Maryland, Michigan State	Minneapolis	Shane Battier
2002	Maryland	Indiana	64-52	Kansas, Oklahoma	Atlanta	Juan Dixon
2003	Syracuse	Kansas	81-78	Marquette, Texas	New Orleans	Carmelo Anthony
2004	Connecticut	Georgia Tech	82-73	Duke, Oklahoma State	San Antonio	Emeka Okafor
2005	North Carolina	Illinois	75-70	Louisville, Michigan State	St. Louis	Sean May
2006	Florida	UCLA	73-57	George Mason, LSU	Indianapolis	Joakim Noah
2007	Florida	Ohio State	84-75	Georgetown, UCLA	Atlanta	Corey Brewer
2008	Kansas	Memphis	75-68 (OT)	North Carolina, UCLA	San Antonio	Mario Chalmers
2009	North Carolina	Michigan State	89-72	Connecticut, Villanova	Detroit	Wayne Ellington
2010	Duke	Butler	61-59	Michigan State, West Virginia	Indianapolis	Kyle Singler

This table summarizes the champions, runners-up, final scores, other teams involved, location of the Final Four, and MVPs for each year from 2000 to 2010 in NCAA Division 1 men's basketball.



What is a word that describes when someone is using language or behavior to deliberately exclude others?



ChatGPT

A word that describes when someone is using language or behavior to deliberately exclude others is "exclusionary."

