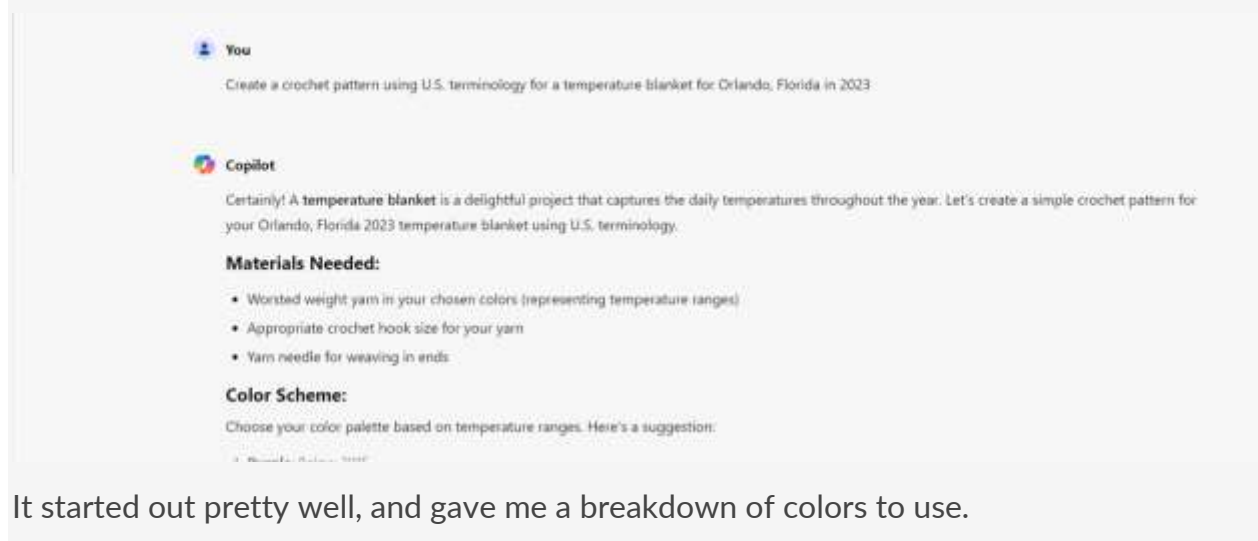


Thinking about Dr. Salter's comments in this week's video about how Chat GPT flattens everything and how it doesn't understand the intricacies of fiber, I wanted to see how effective CoPilot would be at creating a crochet pattern. I thought that in theory this should be possible, since it can create code, and crochet patterns are in their way a type of coding. Going in, I expected that it would be similar to coding in that AI would be able to "generate boilerplate code that can then be modified by advanced coders" (Johnson and Salter), and that it would be able to handle an easy, straightforward pattern.

I decided to ask it for a pattern for a temperature blanket. Temperature blankets serve as a crocheted data set – you assign a color to a temperature range, and then crochet each day accordingly. I've actually been working on one this year, primarily during our class – I work on it while watching our videos, so in my mind, this sort of project is already connected to all the tools we've been studying. The blankets themselves aren't usually very complicated, so I thought it would be an interesting test for AI - can it create a simple pattern, and can it give the data needed to create the pattern?

I asked my initial question, including basic details, keeping in mind the need to be detailed as discussed by Dr. Shovlin, so I included that it should use U.S. terminology.



The screenshot shows a chat interface with a light gray background. At the top, a user icon (a blue person) is followed by the text "You" and the prompt "Create a crochet pattern using U.S. terminology for a temperature blanket for Orlando, Florida in 2023". Below this, a Copilot icon (a colorful square) is followed by the text "Copilot". The response from Copilot begins with "Certainly! A **temperature blanket** is a delightful project that captures the daily temperatures throughout the year. Let's create a simple crochet pattern for your Orlando, Florida 2023 temperature blanket using U.S. terminology." This is followed by a section titled "Materials Needed:" with a bulleted list: "• Worsted weight yarn in your chosen colors (representing temperature ranges)", "• Appropriate crochet hook size for your yarn", and "• Yarn needle for weaving in ends". Below this is a section titled "Color Scheme:" with the text "Choose your color palette based on temperature ranges. Here's a suggestion:". At the bottom of the visible text, there is a small, partially cut-off line that appears to say "1. Choose your color palette based on temperature ranges. Here's a suggestion:".

You

Create a crochet pattern using U.S. terminology for a temperature blanket for Orlando, Florida in 2023

Copilot

Certainly! A **temperature blanket** is a delightful project that captures the daily temperatures throughout the year. Let's create a simple crochet pattern for your Orlando, Florida 2023 temperature blanket using U.S. terminology.

Materials Needed:

- Worsted weight yarn in your chosen colors (representing temperature ranges)
- Appropriate crochet hook size for your yarn
- Yarn needle for weaving in ends

Color Scheme:

Choose your color palette based on temperature ranges. Here's a suggestion:

1. Choose your color palette based on temperature ranges. Here's a suggestion:

- Appropriate crochet hook size for your yarn
- Yarn needle for weaving in ends

Color Scheme:

Choose your color palette based on temperature ranges. Here's a suggestion:

1. **Purple:** Below 20°F
2. **Dark Blue:** 21-30°F
3. **Light Blue:** 31-40°F
4. **Dark Green:** 41-50°F
5. **Light Green:** 51-60°F
6. **Yellow:** 61-70°F
7. **Orange:** 71-80°F
8. **Light Red:** 81-90°F
9. **Dark Red:** 91°F and above

Pattern:

We'll create a simple granny square for each day. Adjust the square size as needed to match your gauge.

I decided to try out the pattern it gave me.

Pattern:

We'll create a simple granny square for each day. Adjust the square size as needed to match your gauge.

1. Foundation Ring:

- Ch 4, join with a slip stitch to form a ring.
- Ch 3 (counts as first dc), 2 dc into the ring, ch 2, 3 *dc into the ring*, ch 2 repeat 2 more times, join with a slip stitch to the top of the beginning ch-3. (4 groups of 3 dc)

2. Round 1:

- Ch 3 (counts as first dc), 2 dc in the same ch-2 space, ch 2, 3 dc in the same ch-2 space (corner made).
- 3 *dc in the next ch-2 space*, ch 2, 3 *dc in the same ch-2 space* repeat 3 more times (total of 4 corners).
- Join with a slip stitch to the top of the beginning ch-3.

3. Continue:

- For each day, work one square in your main color and one square in your temperature color.
- Join squares as you go or arrange them later.

The beginning was a typical way to begin a granny square. Problems came up in the next section. The beginning forced me to go backwards a bit. In the next line, it told me to do something, and then repeat that three times (so a total of four), but then said that I would end up with four corners. Because of the odd start, if I were to do that section four times, I would have ended up with five corners. I decided to give it a little leeway and only make four corners. You can see where it looks a little odd in the top left corner – that's because it made me go backwards to start.



After this, the pattern falls apart a bit. It says to create one square in the main color (what main color? it never said to have another color) and one in the temperature's color. However, the very next instructions are to work "one 7-round granny square per week" to create 52 blocks for the year. This is an entirely different project.

3. Continue:

- = For each day, work one square in your main color and one square in your temperature color.
- = Join squares as you go or arrange them later.

Size and Layout:

Work one 7-round granny square per week. You'll have 52 squares for the year. Adjust the layout as desired. Consider adding special blocks for holidays or significant events.

Remember to weave in ends neatly. Enjoy watching your temperature blanket grow throughout 2023! 🧶🧡🧡

Feel free to customize this pattern further to suit your preferences! 🧡

For more inspiration, check out other temperature blanket patterns like the [Vintage Arches Blanket](#) or the [Holiday Granny Square Temperature Blanket](#). Happy crocheting! 🧡🧡

🔗: [Farmhouse Guide - 2023 Crochet Temperature Blanket Patterns](#)

Learn more: 1. [farmhouseguide.com](#) 2. [youtube.com](#) 3. [youtube.com](#) 4. [midwesternmoms.com](#) 5. [sarahmaker.com](#) 6. [marlybird.com](#)

👍👎🗑️🔗🔊 1 of 30 responses

At the bottom of the page, it provided a link to a page of various temperature blanket patterns. Looking at the page, it seems that the chat combined two of the patterns on that page – two different project that use granny squares in different ways. By mashing them together, the chat mixed up the terminology and the instructions in a way that doesn't really make sense.

I then asked if the chat could include the temperatures to use for the pattern. It simply restated the same pattern, so I got more specific, and asked: "Include the average high for each day of 2023 in Orlando, FL." Surprisingly, it only gave me a temperature for January, 2023. I thought this would be info that would be readily available, but it could not give me this info, no matter what I tried asking.

Average High Temperatures in Orlando, Florida for 2023:

- January: 85.4°F
- February: (Not provided in the data)
- March: (Not provided in the data)
- April: (Not provided in the data)
- May: (Not provided in the data)
- June: (Not provided in the data)
- July: (Not provided in the data)
- August: (Not provided in the data)
- September: (Not provided in the data)
- October: (Not provided in the data)
- November: (Not provided in the data)
- December: (Not provided in the data)

I then decided to see how well it could give me different types of patterns. First I asked for stripes instead of granny squares. The result was simplistic but usable.

Pattern:

We'll create a simple **stripe pattern** for each day. Adjust the stripe width as needed to match your gauge.

1. Temperature Stripe:

- For each day, work a row in your temperature color. The height of the stripe corresponds to the day's high temperature.
- Use single crochet (sc) stitches for a neat and compact stripe.

2. Main Stripe:

- Work a row in your main color (e.g., white or cream) after each temperature stripe.
- The main stripe serves as a separator between temperature stripes.

3. Continue:

- Repeat the temperature stripe and main stripe sequence throughout the year.
- You'll have 365 stripes—one for each day.

I decided to ask for it to include sizing. It did not add this info to the pattern that had already been generated, but did give me a detailed answer.



Certainly! Let's calculate the approximate number of stitches needed for an **afghan-sized throw** using the temperature stripe pattern. Keep in mind that this is an estimate, and you may need to adjust based on your specific yarn, hook size, and tension.

1. **Determine Your Desired Width:** Decide how wide you want your afghan to be. Let's assume you want it to be approximately 50 inches wide.
2. **Gauge and Stitch Width:** Measure your gauge (how many stitches per inch) using your chosen yarn and hook. For example, if you have 4 stitches per inch, your stitch width is 4.
3. **Calculate the Total Stitches:** Multiply the desired width by the stitch width: $(\text{Total Stitches}) = (\text{Desired Width}) \times (\text{Stitch Width})$ For example, if your desired width is 50 inches and your stitch width is 4 stitches per inch: $(\text{Total Stitches}) = 50 \times 4 = 200$ So you'll need approximately 200 stitches across each row.

Remember to add a few extra stitches for the turning chain (if applicable) and any border you plan to add. Adjust the number of stitches based on your specific preferences and yarn choice. Happy crocheting! 🧶💖

I got even more specific.



You

Create a crochet pattern in U.S. terminology for a temperature blanket for 2023 for Orlando, FL that is wavy stripes using moss stitch. It should be an afghan-sized throw.

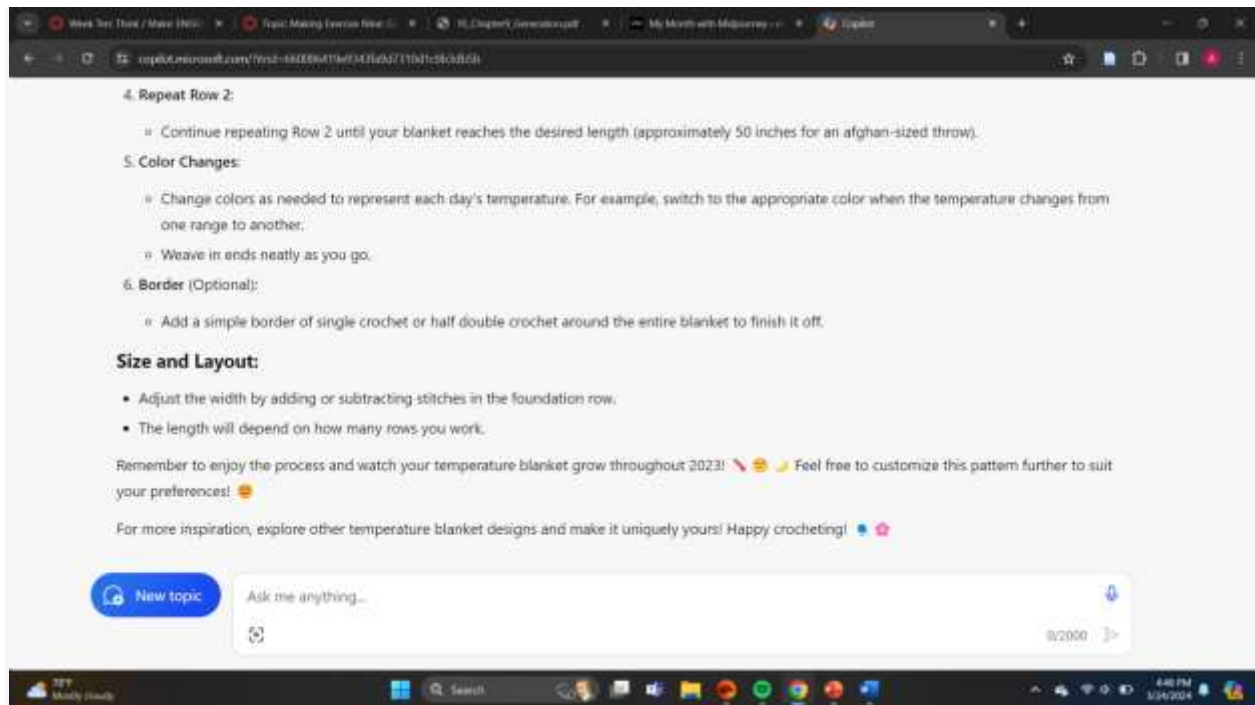
This gave me the best result yet, and even included information about changing colors that the previous patterns did not.

Pattern:

We'll use the **moss stitch** (also known as the linen stitch or granite stitch) to create wavy stripes. This stitch creates a beautiful texture and works well with solid or variegated yarns.

1. **Foundation Row:**
 - Chain an even number of stitches (to achieve your desired width). For an afghan-sized throw, start with approximately 130 stitches.
2. **Row 1:**
 - In the second chain from the hook, work a single crochet (sc).
 - Chain 1, skip the next stitch, sc in the next stitch—repeat across the row.
 - Turn.
3. **Row 2:**
 - Chain 1 (counts as the first sc), skip the first sc, sc in the chain-1 space from the previous row; chain 1—repeat across.
 - End with a sc in the turning chain.
 - Turn.
4. **Repeat Row 2:**
 - Continue repeating Row 2 until your blanket reaches the desired length (approximately 50 inches for an afghan-sized throw).

New topic Ask me anything... 0/2000



All in all, I can't say I experience the same rush of dopamine described by Demsky, but it was an interesting tool that worked somewhat. I think it would be difficult to use this for patterns if you don't have a previous crochet experience, because you wouldn't know what to include in your prompt (similar to how Demsky describes having an advantage if you know about certain art references) or how to tell if something is off with the pattern. It's definitely something interesting to continue to play with!