



Partnering with AI in Graduate Education

Wes Fondren, PhD

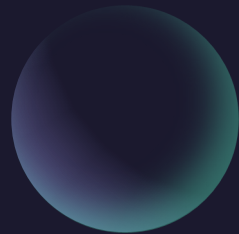
Associate Provost for AI, Professional
Development, and Academic Technology
Coastal Carolina University

Changes in graduate learning and research

Learning, Research, Operations



Learning Partner



■ Chat-GPT Study and Learn





What can I help with?

+ Ask anything



📎 Add photos & files

🔍 Deep research

🛒 Shopping research

🖼️ Create image

👤 Agent mode

⋮ More >

🔗 Add sources

📖 Study and learn

🌐 Web search

✍️ Canvas

- Chat-GPT Study and Learn
- Claude Learning Style





Free plan · Upgrade

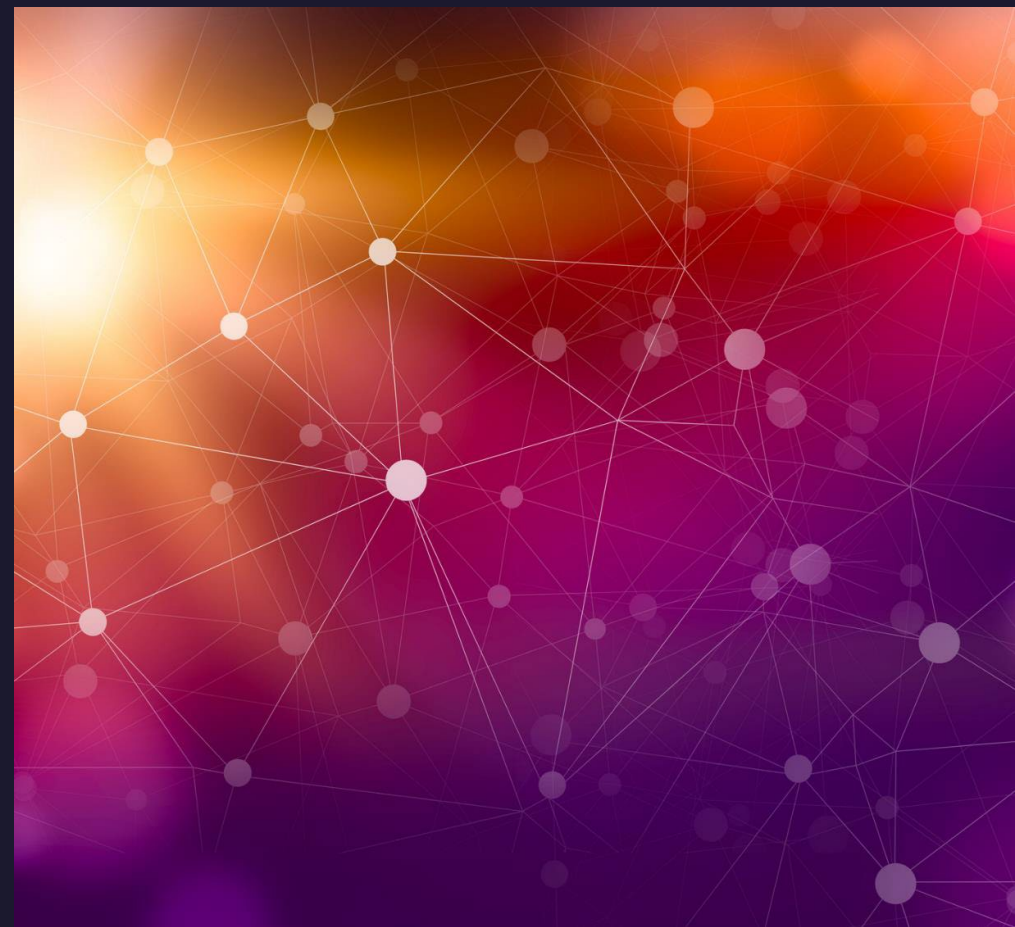
☀ Good evening, Wes

How can I help you today?

+ ⚙ Claude Sonnet 4 ▾ ↑

Upgrade to connect your tools to Claude  >

- Chat-GPT Study and Learn
- Claude Learning Style
- Google
 - Learning Coach
- LearnLM



Guided Learning in Gemini: From answers to understanding


Aug 06, 2025
3 min read

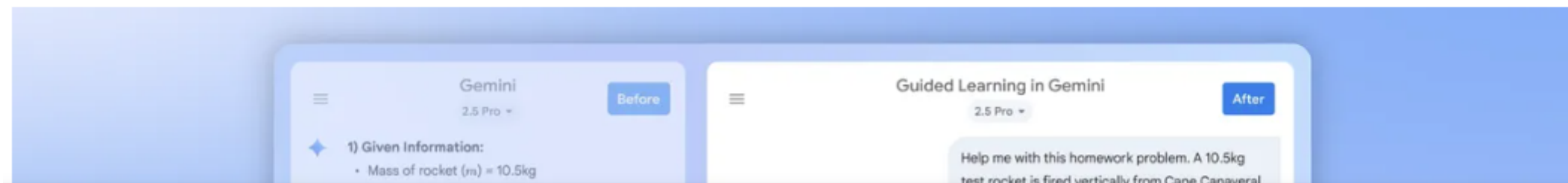
Use Guided Learning to go deeper into topics and learn in a way that works best for you.



Maureen Heymans
VP, Learning

 [Read AI-generated summary](#) 

 [Share](#)






Gemini


PRO



 Hi Wes


Ask Gemini



 Tools

Thinking 



 Create image

Create video

Write anything

Help me learn

Boost my day





Learning coach

by LearnLM

Here to help you learn and practice new concepts. Tell me what you'd like to learn, and I'll help you get started.

What are binary numbers?


Explain what factors led to the fall of the Roman Empire.

How does photosynthesis work?

I just finished reading Pride and Prejudice. Can we review the key themes and characters?

Ask Gemini



 Tools



Learning Coach



Google Gemini: Free Pro Plan for Students.

Free for 1 year. Get more access to our most accurate model Gemini 3 Pro, unlimited image uploads, Pro-level image generation, customized quizzes and advanced learning tools like NotebookLM, plus 2 TB storage. Just for Students.

[Get offer](#)[Terms apply](#)

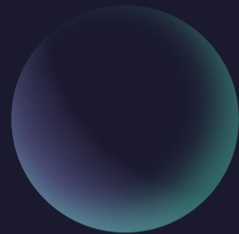
Gemini Pro free



AI Use Debater for Students



Research Partner



Neural Networks

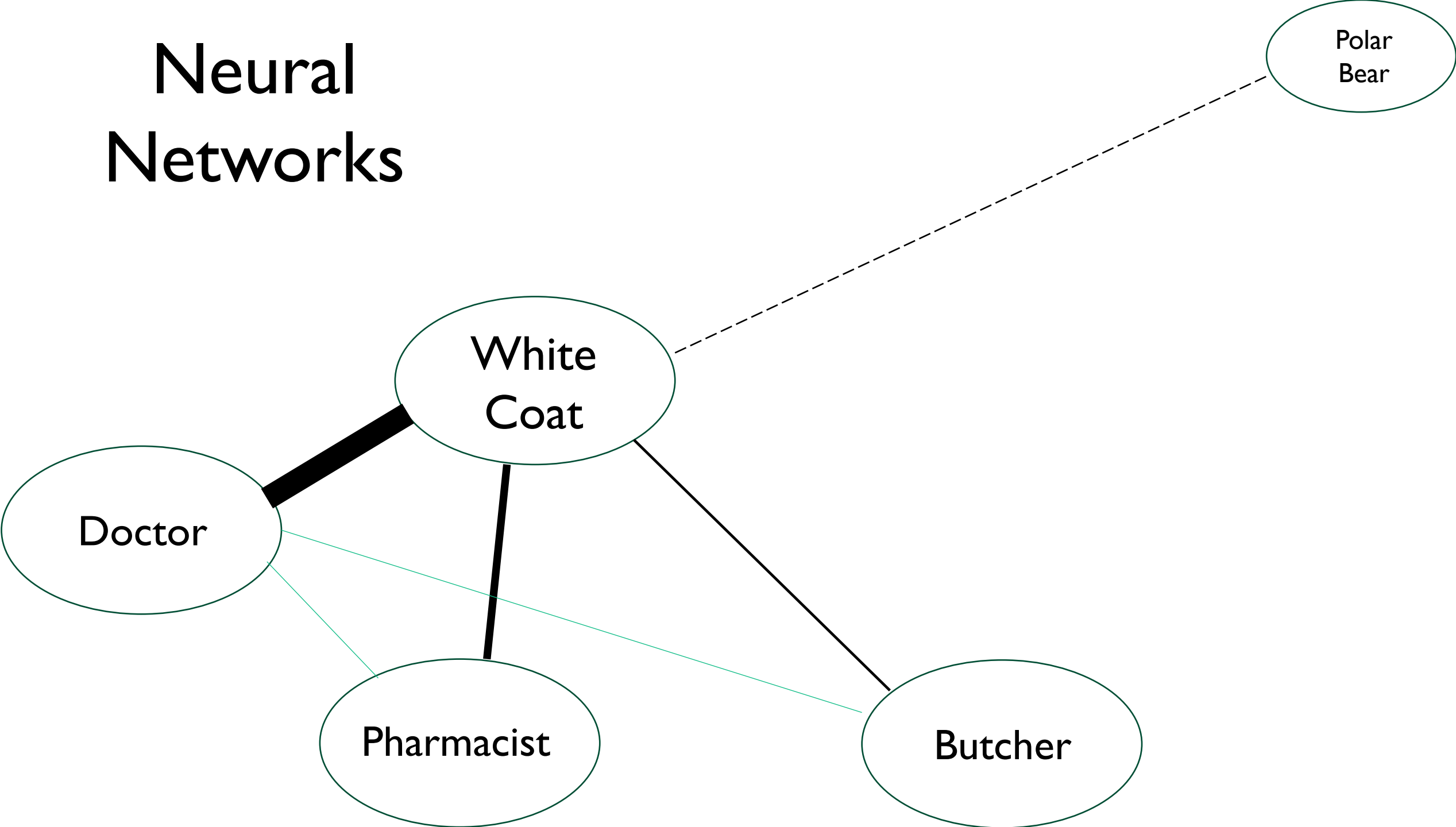
Polar
Bear

White
Coat

Doctor

Pharmacist

Butcher



DATA CREATED EVERY DAY

181,000,000,000,000,000,000,000,000

bytes of data predicted to be created by 2025.

16,000,000

texts sent every minute.



328,770,000,000,000,000,000,000

bytes of data created daily.

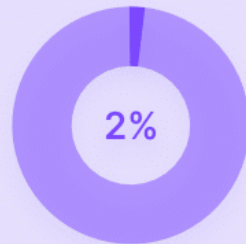
361,000,000,000

emails every day in 2024.

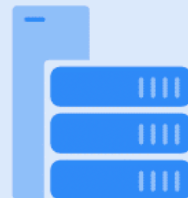
The amount of **data generated worldwide** has soared from 2 ZB in 2010 to a whopping **64.2 ZB in 2020**

which is more than the number of detectable stars in the cosmos.

Data volume in zettabytes



A mere **2%** of the data created and consumed in 2020 was saved and stored up to 2021.



Storage capacity is forecast to increase from a current installed base of **6.7 ZB** in 2020 at a compound **annual growth rate (CAGR) of 19.2%** to 2025.



Prompt Writing

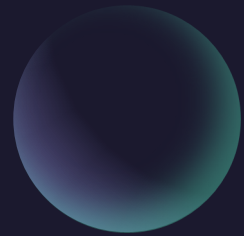
Role

Context

Task(s)

Format

Example(s)



Advanced Prompt Writing

Quality [Hermeneutic cycling]

“reflect, evaluation, improve”

Creativity [Verbal sampling]

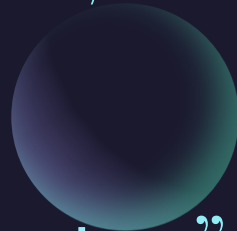
“generate five responses with proxy confidence .75 or less”

Understanding [Externalized interpretation]

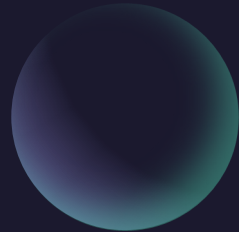
“provide summary/mid-low/mid-high/high annotation”

Help [Meta prompting]

“write the prompts for me to....”



Operations Partner



Discipline Digest Assistant



Thank You

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LinkedIn

