Empowering Our Children with AI

How Parents Can Use AI to Support Student Success

Presented by: Tarquinn Curry | Educator • AI Innovator • Filmmaker

Why I'm Qualified to Talk About AI in Education

AI Innovator

Agenda

Guided AI Meditation

Why AI Matters

AI 101 & LLM's

Bias & Safety

Prompting Basics

Let AI Coach, Quiz & Review

AI Math Coaches

AI English Coaches

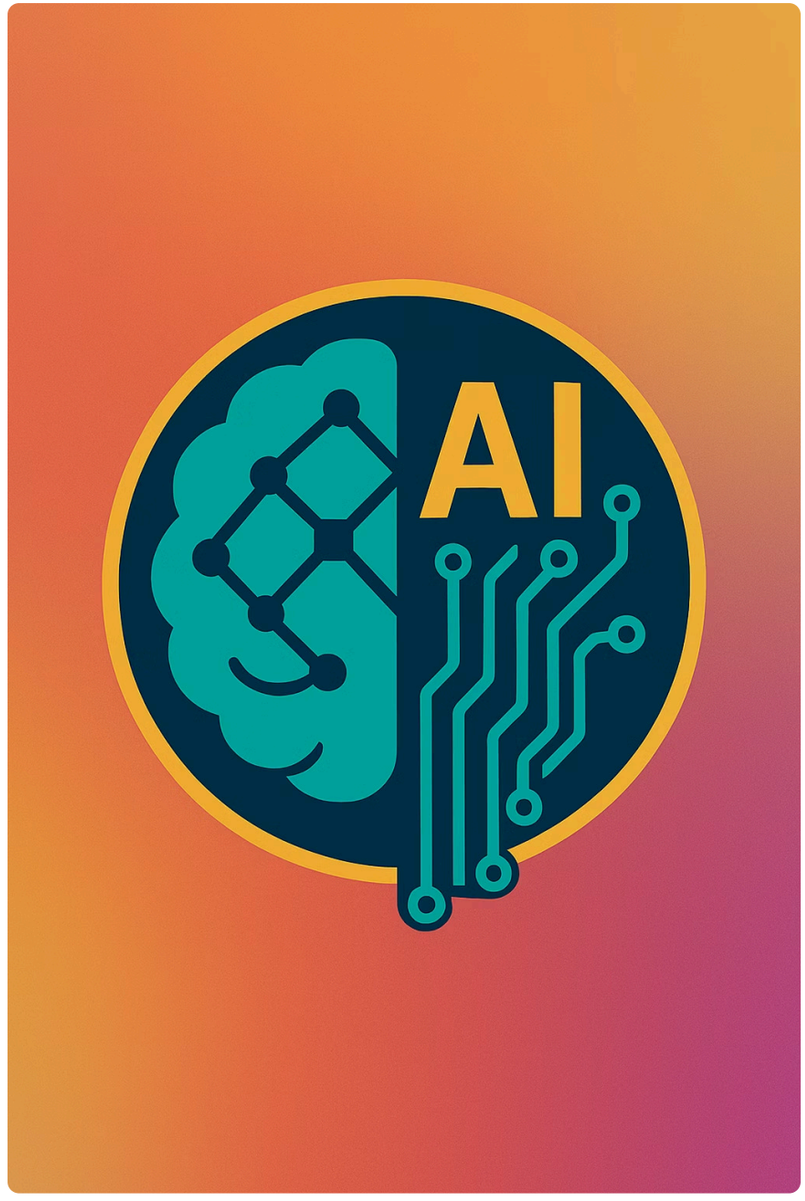
Notebook LM

Image to Infographic

ChatGpt Vision. Google AI Studio Vision

Toolbox for Parents

Empower & Q & A



AI in Action – Guided Voice Meditation

ChatGPT's Advanced Voice Mode

Calm, motivating meditation

Supporting Wellbeing

Focus, mindfulness, emotional support

"Calm minds absorb new ideas fast"

CASEL

The Future Is Here – Is Your Child Ready?

Job Market Transformation

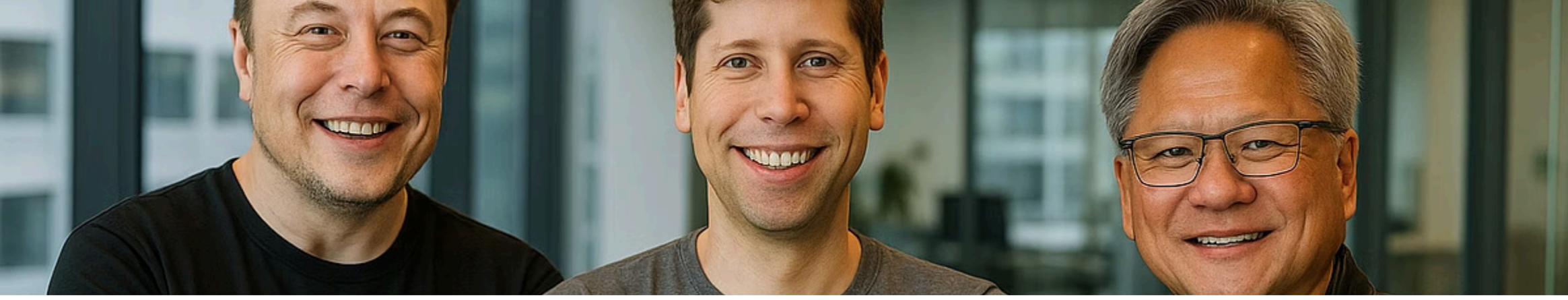
Shopify CEO: No hires unless AI can't do the job

Global Education Shift

China mandating AI education for all students by 2025

STARTING SEPTEMBER 1, 2025
ALL STUDENTS IN CHINA
WILL BE REQUIRED TO STUDY ARTIFICIAL INTELLIGENCE
A new mandate makes AI education compulsory for all Chinese students beginning as early as age six.
AI POLICY CENTER

65% OF JOBS
WILL REQUIRE
AI LITERACY
BY 2030.
WORLD ECONOMIC FORUM



Quotes from Global Leaders on AI

1

Sam Altman (OpenAI)

Human involvement unnecessary for most tasks in ten years

2

Elon Musk (Tesla)

AI smarter than humans; no jobs needed eventually

3

Jensen Huang (NVIDIA)

Most transformative technology of 21st century

4

Mark Cuban

If you don't learn AI, you will get left behind

Barack Obama on AI-https://www.youtube.com/embed/AKZxyKAGH1o?rel=0

YouTube

Barack Obama Issues Dire Warning Over Artificial Intelligence

President Barack Obama issued a dire warning over artificial intelligence replacing human labor during a speech at Hamilton College over the weekend.

Everyday AI In Our Lives

Google Maps

Navigation and traffic prediction

Netflix & YouTube

Content recommendations

Smart Assistants

Siri, Alexa in daily use

DIGI CROME ACADEMY

3 TYPES OF Artificial Intelligence

Artificial Narrow Intelligence (ANI)

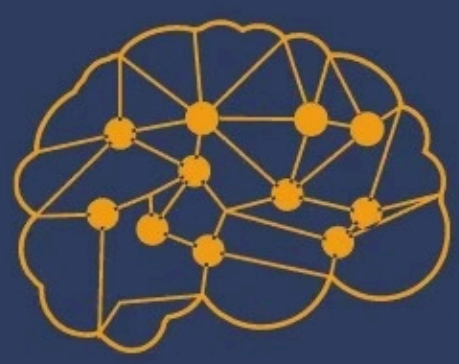
AI systems designed for specific tasks or problems. Specialized functionality.

SIRI

ALEXA

CORTANA

Artificial General Intelligence (AGI)



Human-like intelligence capable of understanding, learning, and reasoning.

IBM WATSON

OPEN AI'S GPT

Artificial Super Intelligence (ASI)

AI with intellectual capabilities surpassing that of human beings.

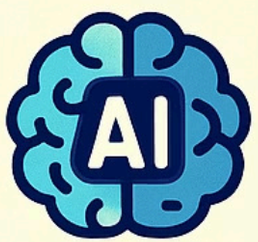
SKYNET

D.A.R.V.I.S

www.digicrome.com

ARTIFICIAL INTELLIGENCE vs. GENERATIVE AI

ARTIFICIAL INTELLIGENCE



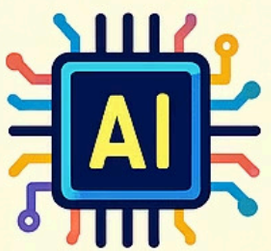
ANALYZES

Classify images

Detect spam

Optimize route

GENERATIVE AI

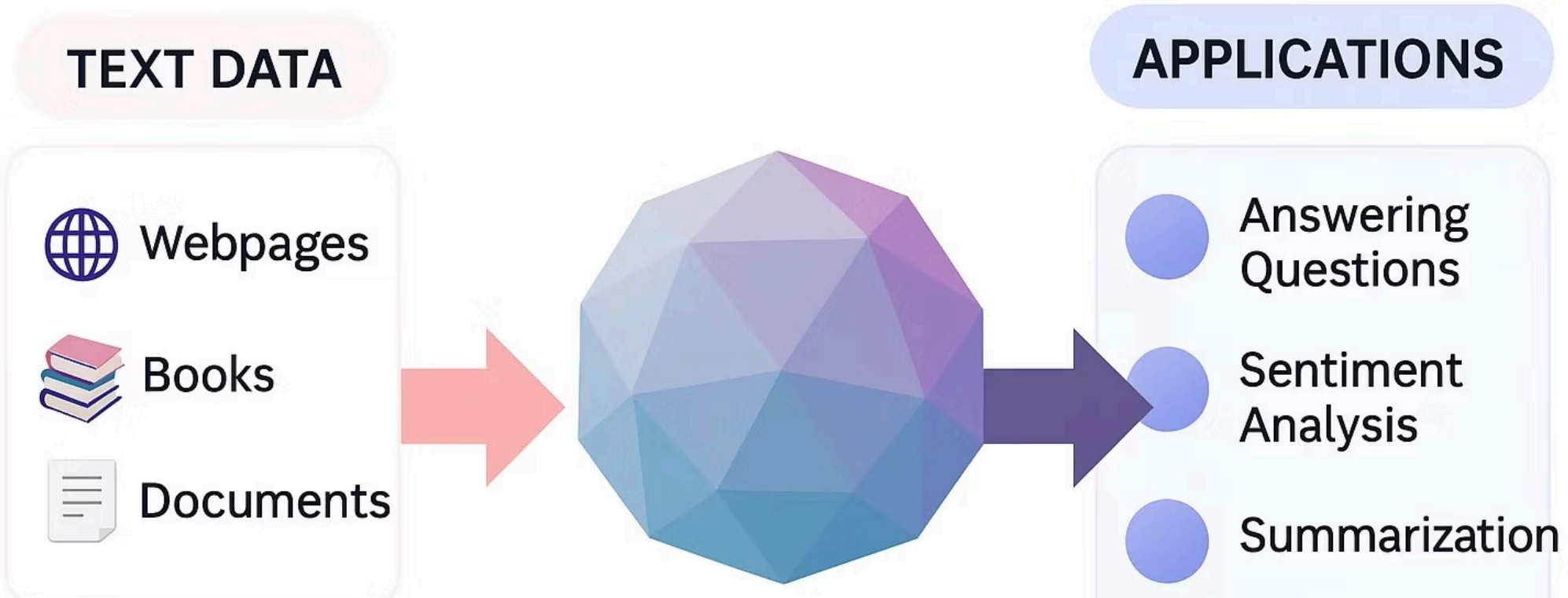


CREATES

Generate images

Compose text

Write stories



- Webpages
- Books
- Documents

LARGE LANGUAGE MODEL

ChatGPT

Gemini

Grok

Let's Keep It Safe & Smart

Bias Issues

AI trained on internet data with racial bias

Representation Gap

Black voices and culture underrepresented

Academic Concerns

Plagiarism and dependency risks

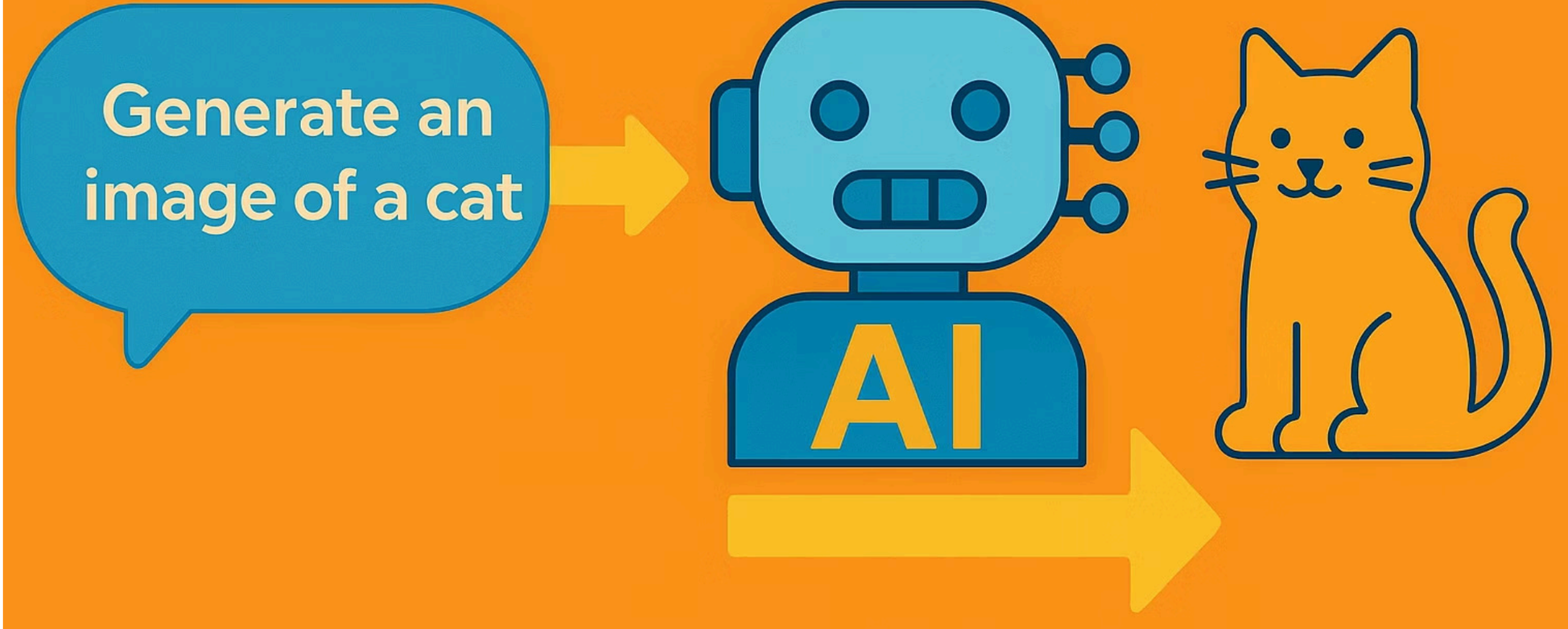
Ethical Safeguards

When Using AI with Students

- Data Privacy
- Bias Awareness
- Age-Appropriate Use
- Human Oversight
- Academic Honesty

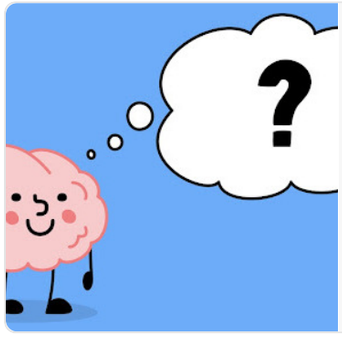
PROMPT

An input provided to guide an AI model



Interactive Prompt Challenge.

https://qrco.de/bfvSuP



Google Arts & Culture

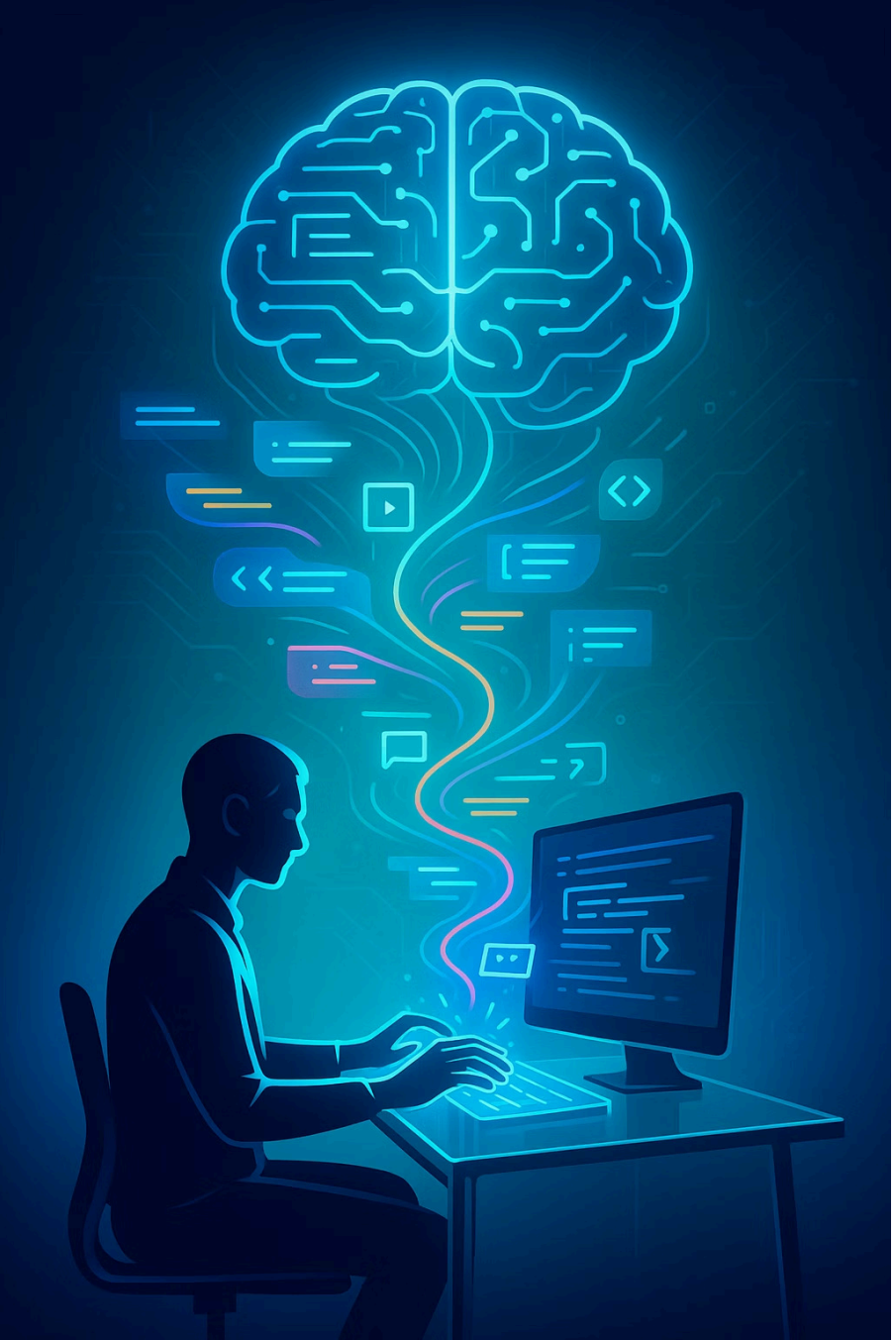
Say What You See – Google Arts ...

Learn the art of image prompting with the help of Google AI.

1. Scan QR Code

2. Create Prompt

3. What makes some prompt better?



How to Write a Great AI Prompt

Context

What's the topic?

Role

Who should AI act like?

Expectation

How should it respond?

Example: "Act as a 7th grade science teacher and explain the parts of a cell using current NBA players"

Features of Popular LLM's

Model	Developer	Key Strengths	Free Tier	Paid Option	Best For	Rating
ChatGPT	OpenAI	Versatile, broad knowledge, strong creative writing, reliable performance, large context window	Limited (with GPT-3.5 or GPT-4o, capped usage)	$20/month (ChatGPT Plus, GPT-4/4o access)	Best for general use, content creation, and conversation	5/5
Claude	Anthropic	Ethical AI, nuanced understanding, long context (up to 200k tokens), strong at reasoning and summarization	Limited (Claude 3 Haiku)	$20/month (Claude Pro, higher-tier models)	Excels in professional writing, analysis, and nuanced communication	5/5
Grok	xAI	Real-time information, humor, concise technical answers, strong coding, up-to-date with X (Twitter) data	Yes (with X Premium+)	$16/month (X Premium+)	Best for current events, real-time info, and technical queries; unique conversational style	5/5
Gemini	Google DeepMind	Multimodal (text, image, audio), massive context (up to 1M tokens), superior reasoning, Google integration	Limited (Gemini Nano/Free tier)	$20/month (Gemini Advanced)	Excels at research, complex problem-solving, and multimodal tasks	5/5

Let AI Review, Quiz, and Coach

Free ChatGPT Features for Students

Upload a PDF & Get a Summary

3 PDFs per day

How to Trigger It

1. Tap 📎 → attach PDF
2. Prompt with your creative style request
3. Tap the 🔊 "Advanced Voice" icon, press ▶ to hear ChatGPT read the result

Creative Ways to Ask

"Summarize this like a sports-commentator highlight reel."

"Turn each section into a 15-sec TikTok-style script."

"Explain the causes of the French Revolution with hip-hop rhymes, then repeat in plain English."

Follow-up Q&A or Repetition Drills

~10 interactions per 5 hours

How to Trigger It

Simply speak to the app while voice mode is active; ChatGPT replies aloud.

Counts against the same GPT-4o message quota.

Creative Ways to Ask

"Ask me three comprehension questions, wait for my answer, then restate the correct answer."

"Repeat the main points twice, slower the second time."

Create Ready-to-Share Infographics

2 images per day

How to Trigger It

1. After summary, request the infographic
2. ChatGPT invokes its built-in image generator and returns a PNG you can download

Creative Ways to Ask

"Pick the five most important statistics and design an infographic with icons and a bar chart in school colors."

For iterations:

"Add a pie chart of cause distribution" or "Swap to a dark theme."

Each new version counts toward the daily image cap.

Daily Limits on Free Tier

3

PDF uploads per day

OpenAI Help Center

~10

GPT-4o messages (text/voice) per 5-hour window

OpenAI Help Center

2

Images generated per day

OpenAI Help Center

Upload study guides to ChatGPT or Gemini. Prompt: "Explain this like a coach. Make it fun, with examples."

Great prompt for any LLM to explain a concept "Please explain this concept like I'm 5 years old. Please make it engaging with plenty of examples and analogies."

AI Tools for Math: Student Resources

Google AI Studio (Gemini Live / Gemini 2.5)

Free

What It Does Best

- Multimodal tutor: screen-share a math site or camera view of handwritten work and get real-time hints
- Upload videos or PDFs and ask for auto-chapter notes + quizzes
- 1 M-token context lets you drop an entire unit packet and say "make a study guide"

Access & Cost

Free to anyone with a Google account at ai.google.com/studio; generous no-credit-card quota for Gemini 2.5 Pro/Flash (usage fees only if you call the API with billing enabled).

Best Way for Students to Use It

While doing homework in a browser tab, start Gemini Live, share the tab, and say: "Stop me when I make an arithmetic slip."

Website: ai.google.com/studio

Math AI Tool

StarSpark AI

StarSpark AI

First month free

What It Does Best

- AI-powered math tutor that uses the Socratic method—guides students step-by-step instead of giving answers
- Accepts typed, spoken, or handwritten problems; aligned to Common Core

Access & Cost

First month free for parents, no credit card; then subscription (pricing announced Q1 2025, typically ~$12/mo).

Best Way for Students to Use It

Upload a photo of a tricky homework problem, let StarSpark ask probing questions, and have the student verbalize each step before the AI reveals feedback.

Website: starspark.ai

Math AI Tool

Khanmigo (Khan Academy)

$4/month

What It Does Best

- Chat-style tutor nested inside every Khan problem
- Socratic questioning + mastery tracking
- Generates custom practice sets tagged to standards

Access & Cost

$4 per month for Learner or Parent subscription in the U.S.; free for all teachers.

Best Way for Students to Use It

After finishing a Khan lesson, ask: "Quiz me on the exact skills I just missed and explain each wrong answer."

Website: khanacademy.org/khanmigo

Writing Help with Brisk AI

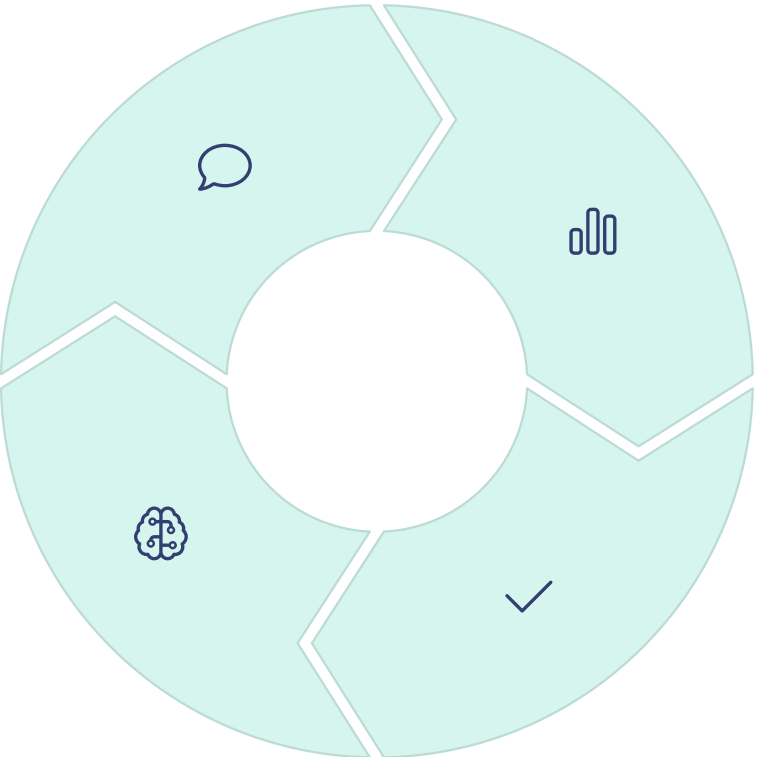
Writing Help Without Cheating

Essay Feedback

"Glow" and "Grow" style comments

Critical Thinking

Reflect and revise, not copyhttps://www.briskteaching.com/



Progress Tracking

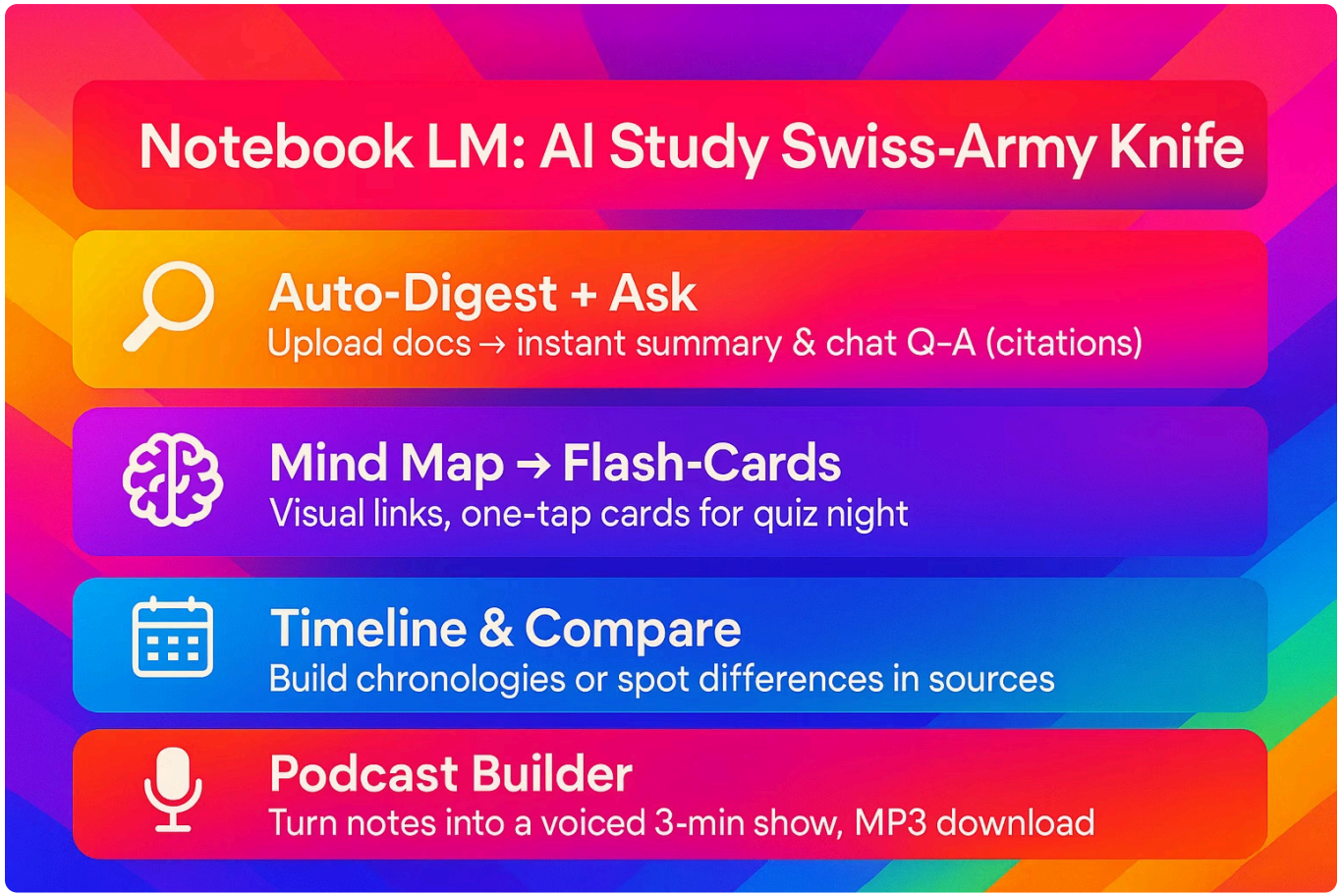
See improvement over time

Parental Review

Approve what your child sees

Khanmigo Writing Help

www.khanmigo.ai



https://notebooklm.google.com/

Let's Empower Our Children Together

AI is Permanent

Here to stay, not going away

Teach Wisdom

Guide responsible AI use

Support, Not Replace

Enhances teachers, doesn't replace them

Inclusive Future

Black families at the forefront

Prompts for Adults- www.aiforwork.co

www.aiforwork.co

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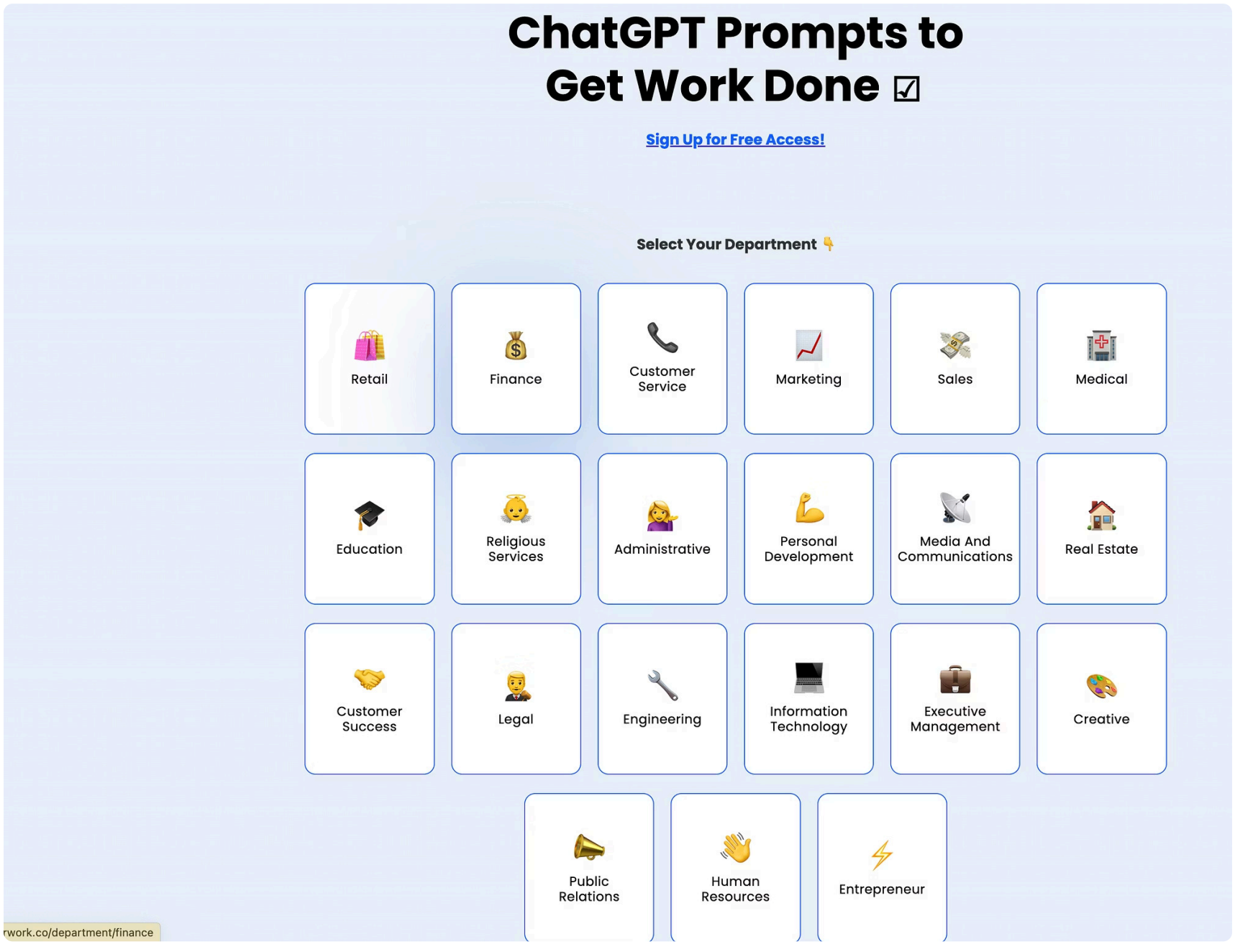

QR Code To Presentation and AI Resources