



WEBNEP
PRESENTS

AI IN Nutshell

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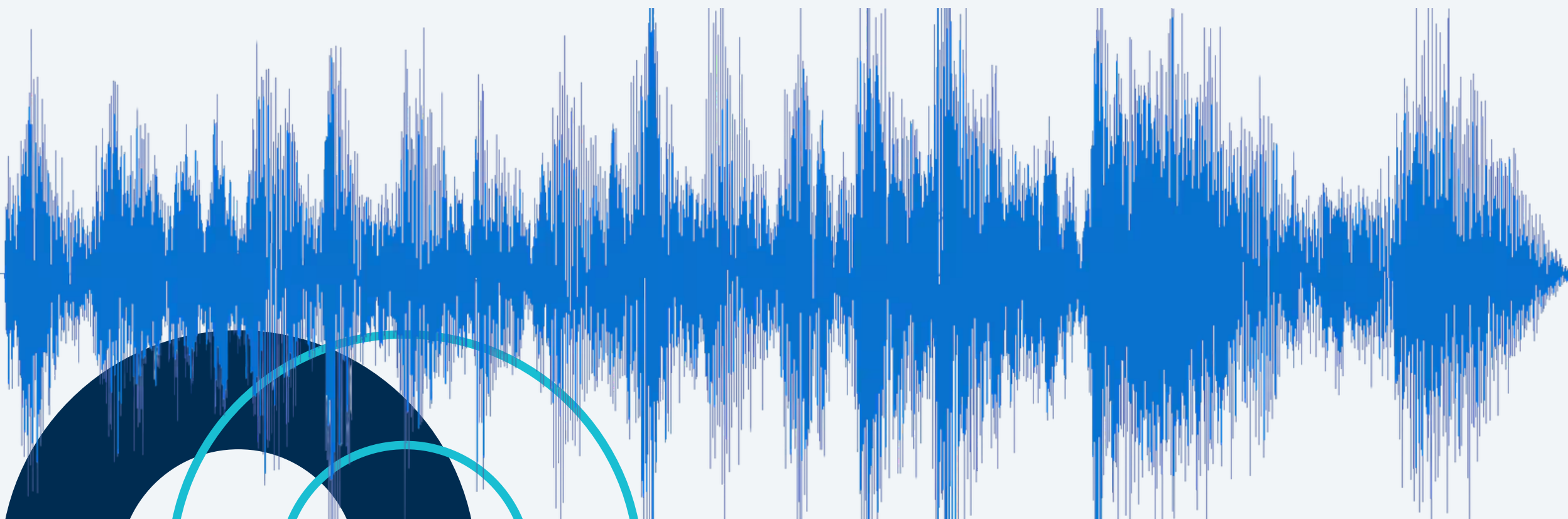
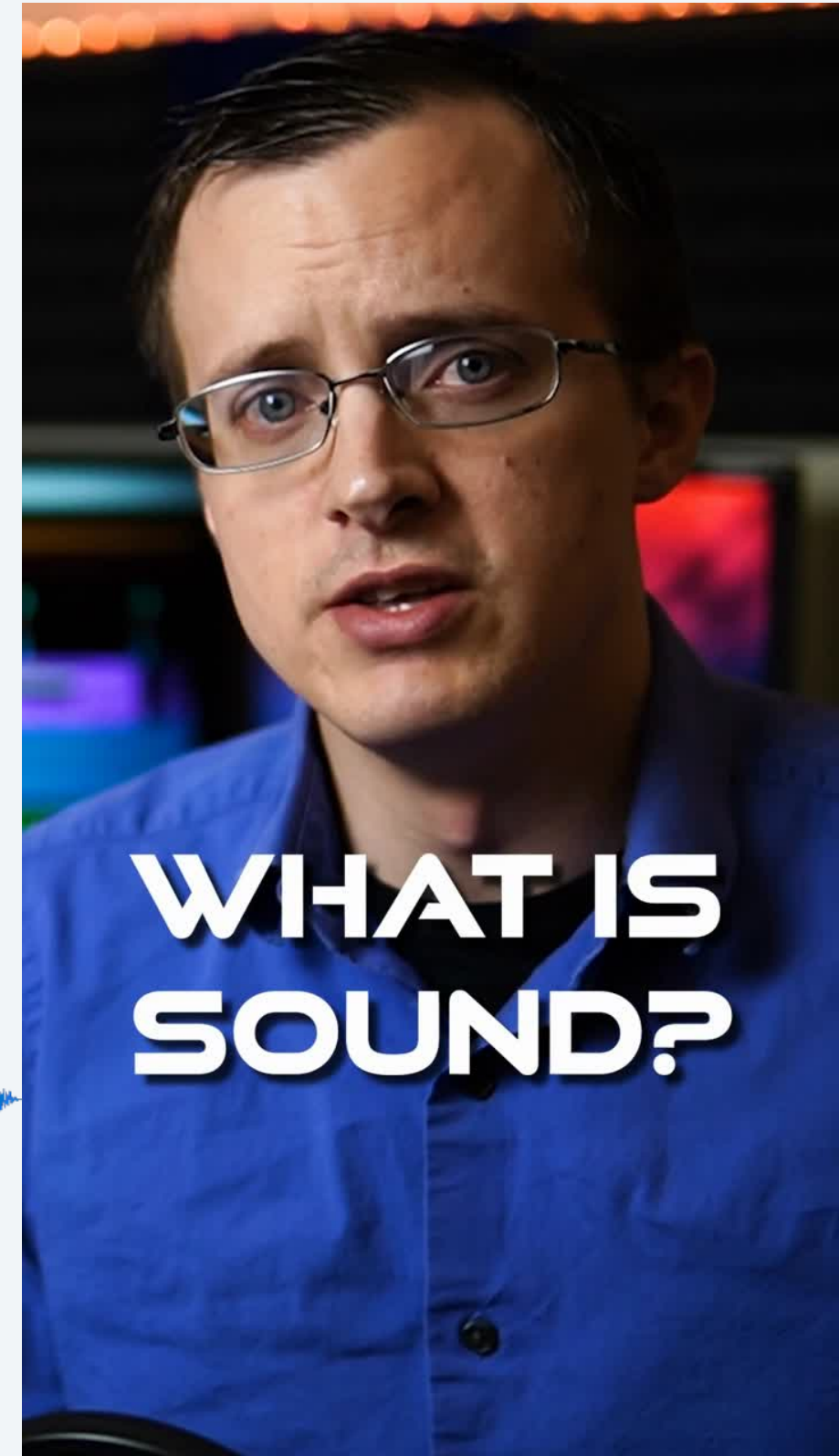


Day 06: AI Voice & Music Generation

WHAT IS SOUND?

- Vibrations traveling through air (or water, solids) as pressure waves.
- Source → Medium → Receiver.
- Frequency – Pitch (High or Low)
- Amplitude (Loudness)
- Timbre (Tone color) Piano Vs Violin

To generate realistic voice/music, AI must model all three properties accurately.

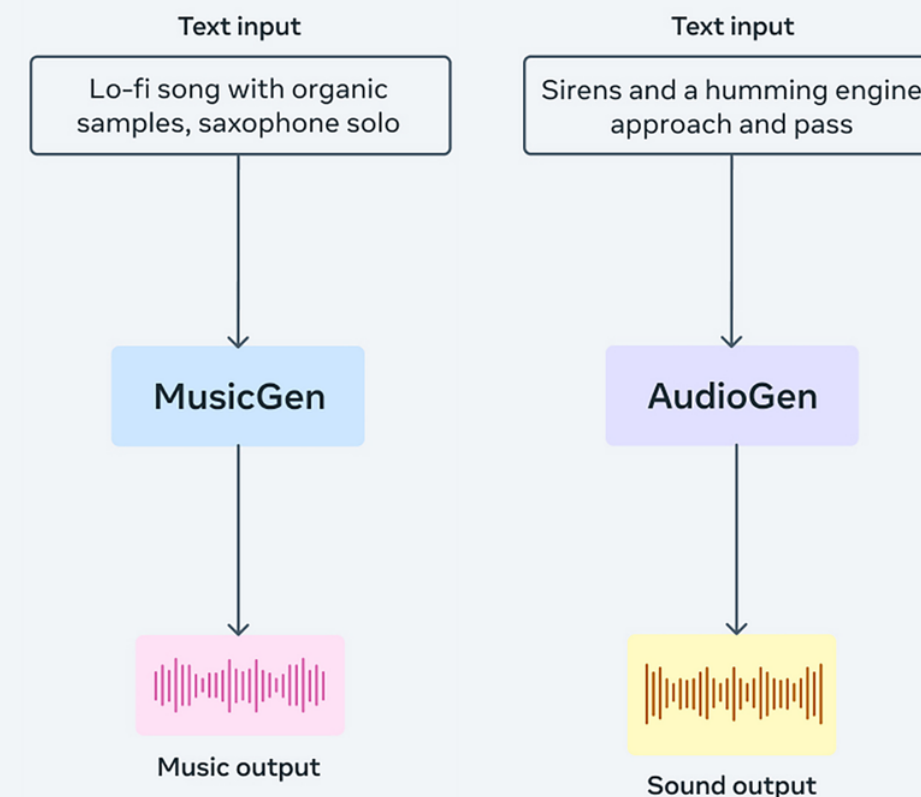


AI VOICE & MUSIC GENERATION

How Machines Are Learning to Sing, Speak, and Compose

- AI Voice Generation: Synthetic speech that sounds human (text-to-speech, voice cloning, Emotion & Tone).
- AI Music Generation: Algorithms that compose melodies, harmonies, and full tracks.
- Key Tech: Deep Learning, Neural Networks (RNNs, Transformers, GANs).

**Training + Pattern Recognition
+ Generation + Refinement**



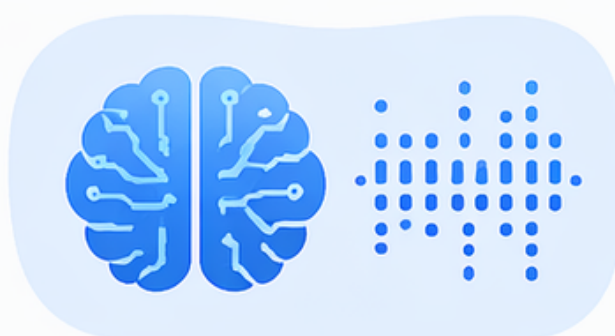


How It Works (Simple)



1 AI learns from voices & songs

It listens to thousands of voices and songs.



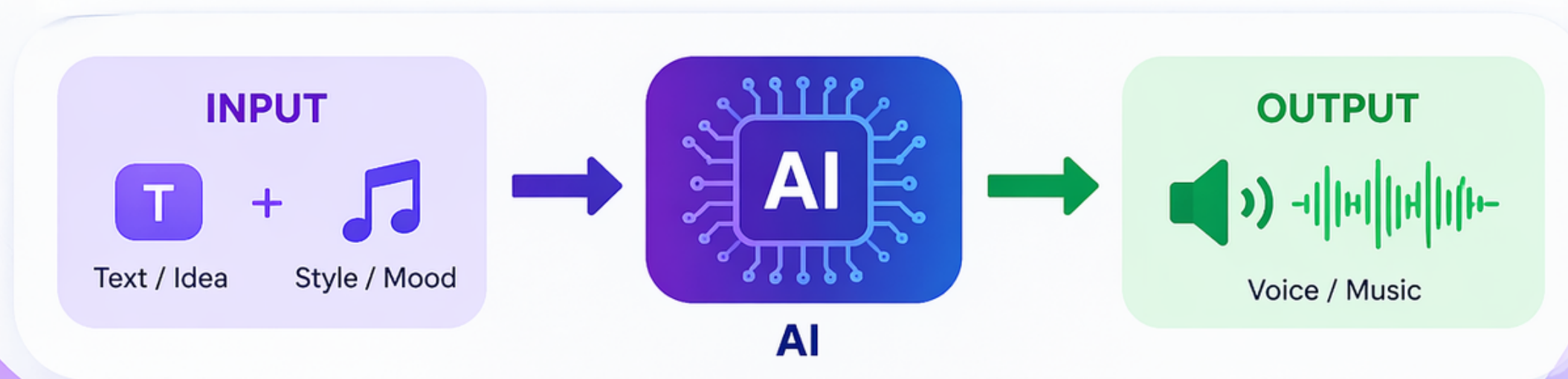
2 Understands patterns

It understands how voices and music are made.



3 Generates new voice/music

It creates brand new voice or music.



AI VOICE GENERATION

convert text → speech
different voices & styles

PROMPT

Welcome to our AI bootcamp, where your brain might crash—but don't worry, we've got backups! Today, we're diving into something exciting, slightly confusing, and definitely cooler than your math class (no offense to math). By the end of this session, you might not become an AI expert... but you will sound like one in front of your friends . We'll explore how machines "think," why AI sometimes acts weird, and how you can use it to study smarter.



<https://genny.lovo.ai>

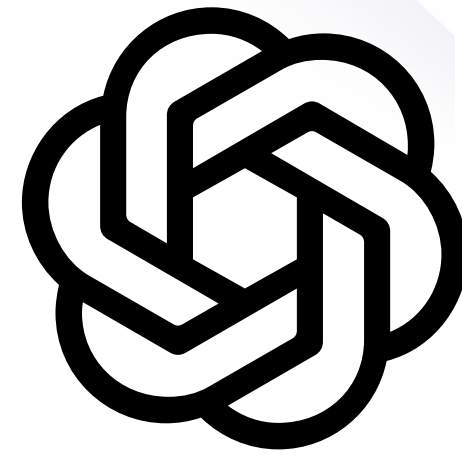


Output



FREE TOOLS WITH LIMITED USE

- Pika
- Runway ML
- CapCut

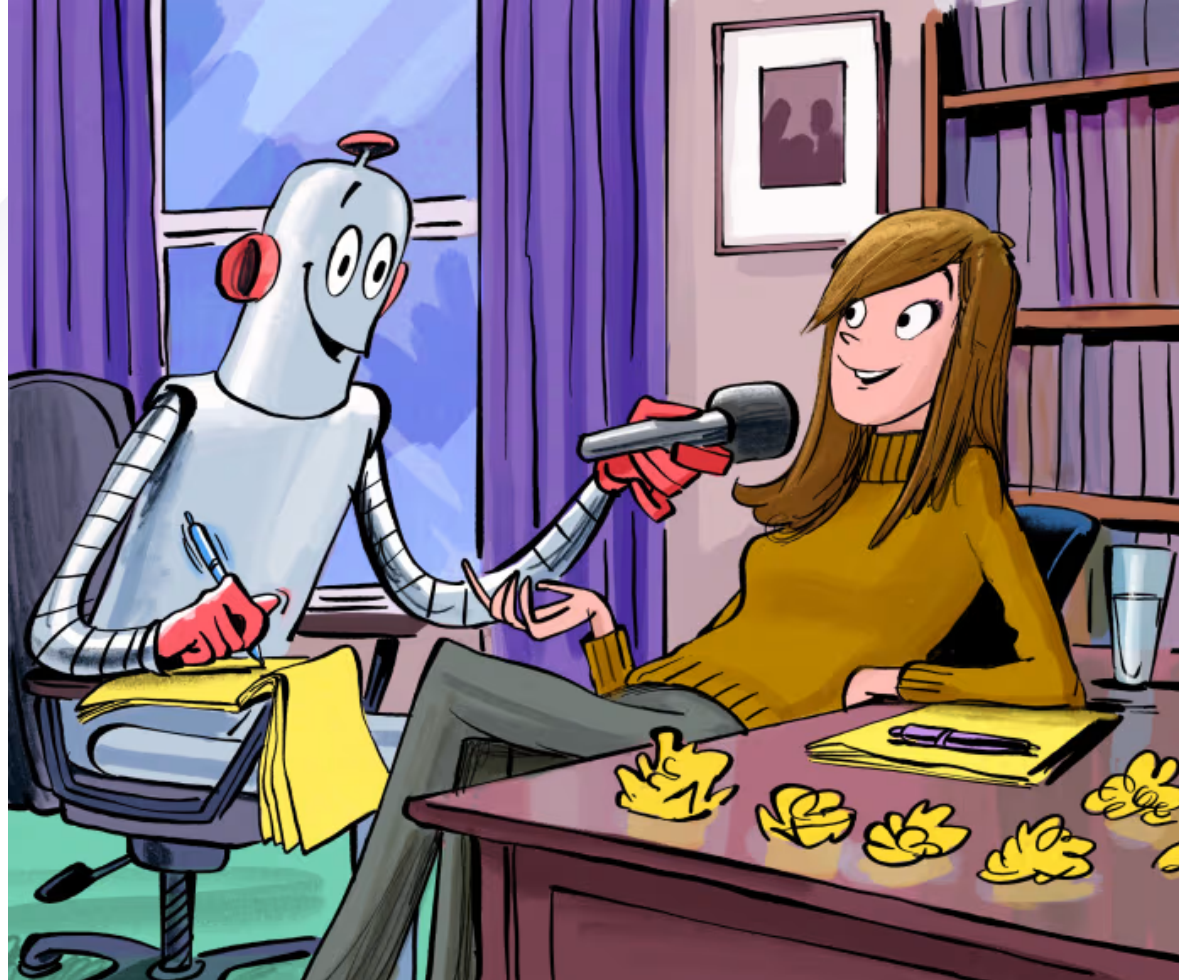


**Eleven
Labs**



TOOL 1 – CHATGPT VOICE MODE

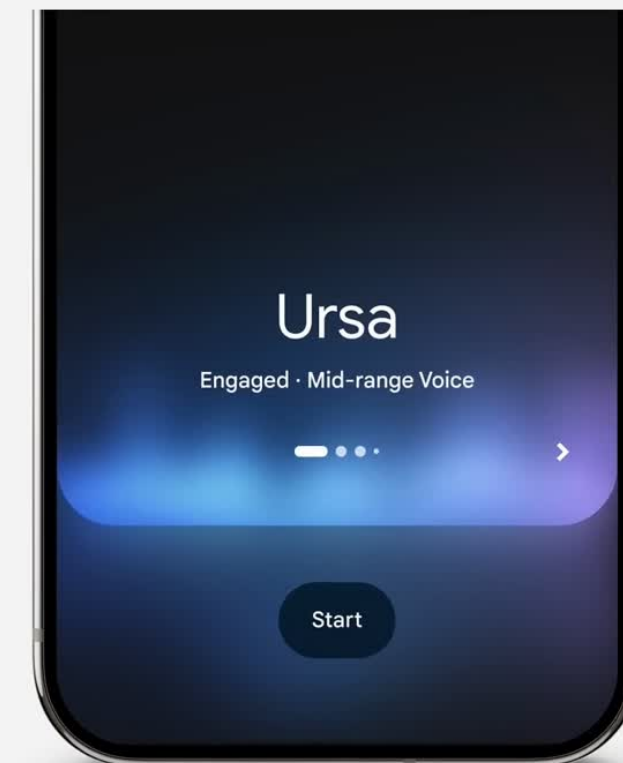
- Talk with AI like a real person
- Ask questions → get spoken answers



TOOL 2 – GEMINI VOICE MODE

- Real-time voice conversation
- Fast responses + natural speech

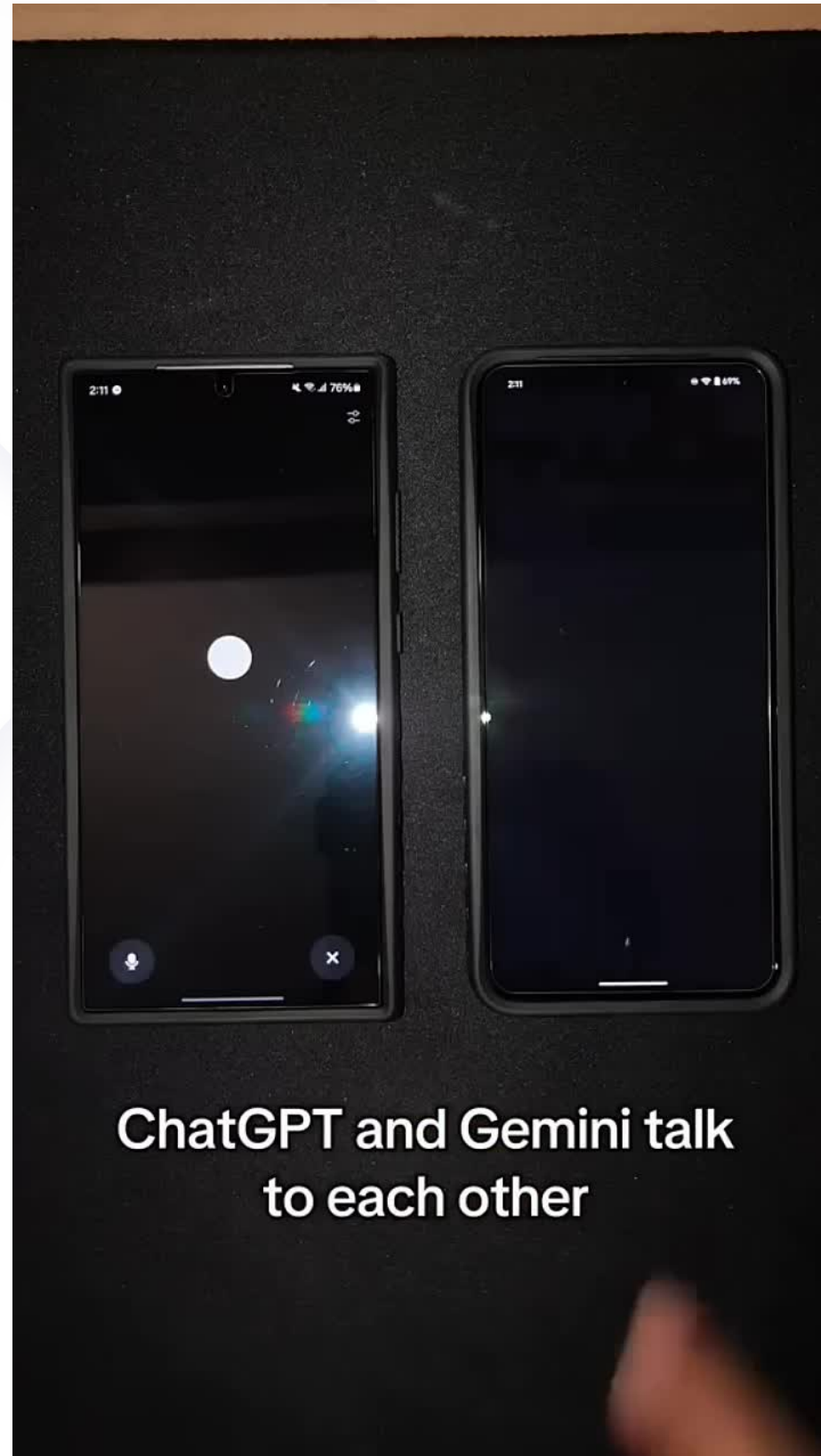
I promise I won't get mad. Tell me.



*Sequences shortened and simulated



CHATGPT VS GEMINI



TOOL 3 – AI STUDIO (SPEECH GENERATION)

<https://aistudio.google.com/generate-speech>

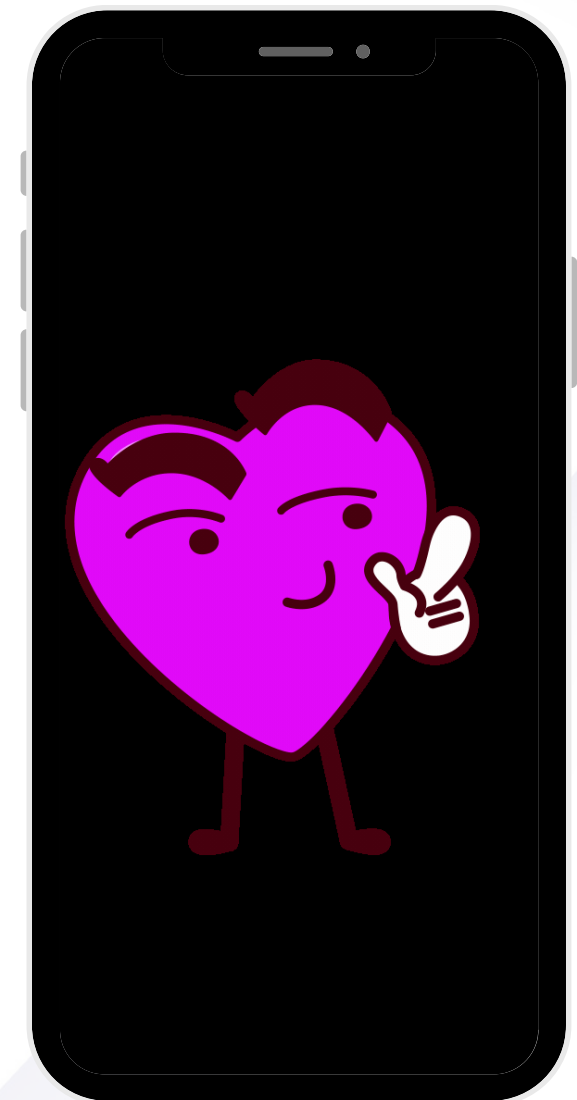
- Turn Text into Realistic Speech with AI

Scene: After SEE Freedom

Sample Context: Class 10 students have just finished their SEE exams. They feel relieved, excited, and a bit confused about what comes next. The pressure is gone, and they're finally free to explore something new.

Text:

“Finally... SEE is over! No more late-night cramming, no more exam stress. Feels unreal, right? You've all worked hard, and now it's time to shift gears. But here's the big question—what's next? Instead of just taking a break, what if you step into something exciting, something futuristic? That's where your journey with AI begins.”





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- Turn Text into Realistic Speech with AI

Scene: Introduction to AI Workshop by WebNep

Sample Context: Students are introduced to the 10-day “AI in a Nutshell” workshop organized by WebNep. They are curious but slightly unsure about what AI really means.

Text:

“Welcome to the ‘AI in a Nutshell’ workshop by WebNep! Over the next 10 days, you’re going to explore a world that powers everything from smart assistants to recommendation systems. Don’t worry if ‘Artificial Intelligence’ sounds complicated—it’s actually more fun and practical than you think. By the end of this workshop, you won’t just understand AI... you’ll start using it.”



TOOL 3 – AI STUDIO (SPEECH GENERATION)

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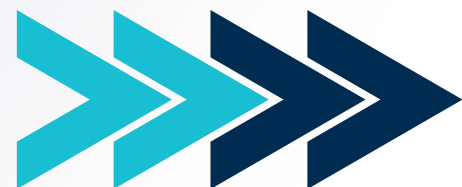
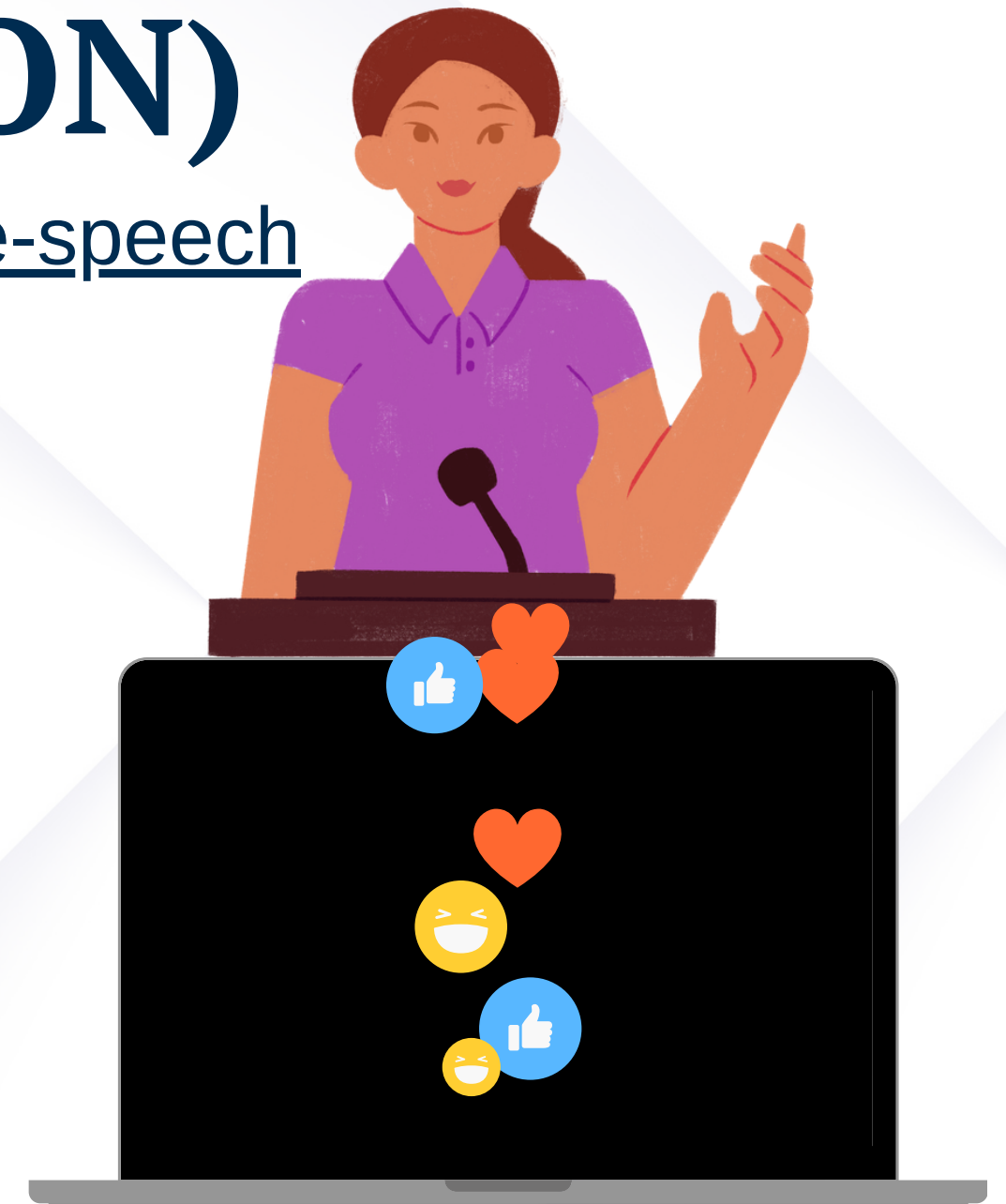
- Turn Text into Realistic Speech with AI

Scene: “Meet the Instructors”

Sample Context: The instructors, Gaurav sir and Dipesh sir, are introduced in a friendly and relatable way to build comfort and excitement.

Text:

“And of course, you won’t be doing this alone. You’ve got two awesome guides—Gaurav sir and Dipesh sir. Gaurav sir will help you understand the logic behind AI, breaking things down so it actually makes sense. And Dipesh sir? He’ll make sure learning stays fun, interactive, and never boring. So yes... you’re in good hands!”





TOOL 4 – SUNO AI (MUSIC GENERATOR)

<https://suno.com/create>

- **Generates full songs**

Song: "From SEE to AI"

[Verse 1]

Pencils down, we survived the war,
SEE exams, we ain't stressed no more
Late night crams, now we laugh it off,
Group chats blowing like "we're finally off!"
Uniform days fading into chill,
No more "read this page" or "just sit still"
Now it's laptops, dreams going live,
10 days in and we start to vibe

[Pre-Chorus]

From equations to innovations,
New world, no limitations
We were stuck, now we free
Welcome to AI, can't you see?

[Chorus]

We go from SEE to AI, oh my!
Learning bots while the time flies by
Gaurav sir got the logic on lock
Dipesh sir make the whole class rock

From "what is this?" to "we got this now"
Future loading, we don't know how
But we laughing, coding, reaching high
Class 10 turning techy, that's our vibe

[Verse 2]

"Artificial Intelligence?" sounds so deep,
But we training models instead of sleep
Prompt so clean, yeah we feeling smart,
Chatbots replying straight from the heart
Friends be like "bro, you hacker now?"
We just smile like "kinda... wow"
From TikTok scrolls to Python lines,
Glow-up hit in like ten-day time

[Pre-Chorus]

No more fear of "what's next step?"
We just code, no regret
From confusion to clarity
AI life got that rarity
[Chorus]

We go from SEE to AI, oh my!
Learning bots while the time flies by
Gaurav sir dropping knowledge like fire
Dipesh sir taking dreams higher
From "I don't get it" to "watch me try"
Debug life, yeah we multiply
Laughing, failing, still we fly
Class 10 now reaching sky

[Bridge]

Ten days short but the memories long,
Errors turned into favorite song
From "syntax error" to "it runs clean"
Best upgrade we've ever seen

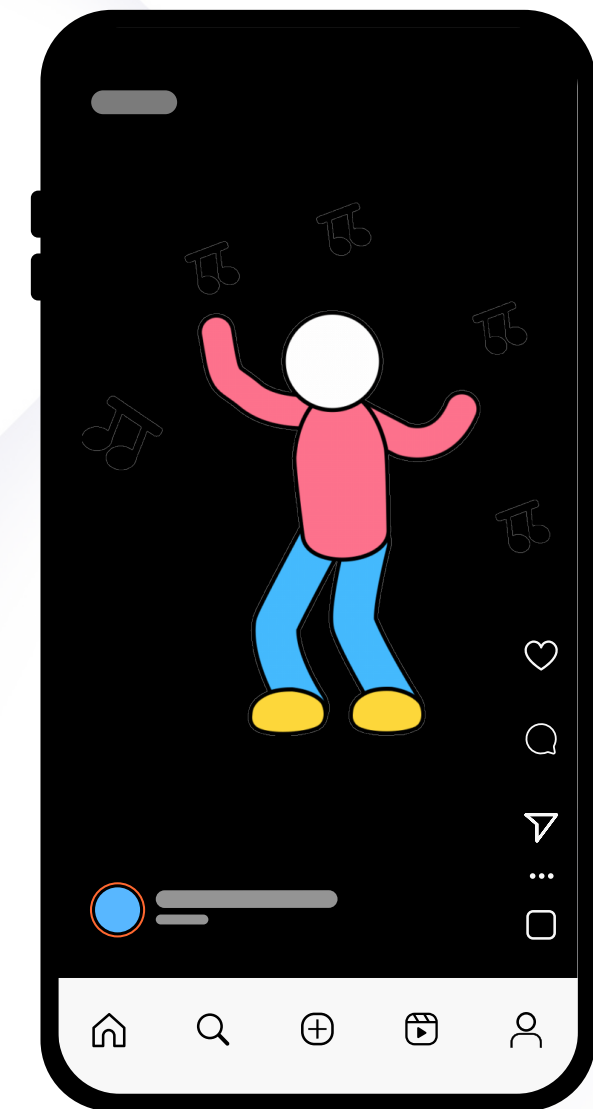
[Outro]

So here we stand, not kids, not pros,
But something new... yeah it shows
From SEE stress to AI glow,
WebNep journey—let's gooo!

TOOL 4 – SUNO AI (MUSIC GENERATOR)

<https://suno.com/create>

- **Generates full songs**





THANK YOU

1. Fake voice cloning (impersonation)
2. Spreading misinformation
3. Copying others' work

Always:

- Give credit
- Be honest
- Use ethically



If it can harm someone → DON'T do it