

AI 기반 외국어 학습 도구 활용 특강

Generative AI

Transforming Language Learning *with Generative AI*

Nov 24, 2025

Penn State University

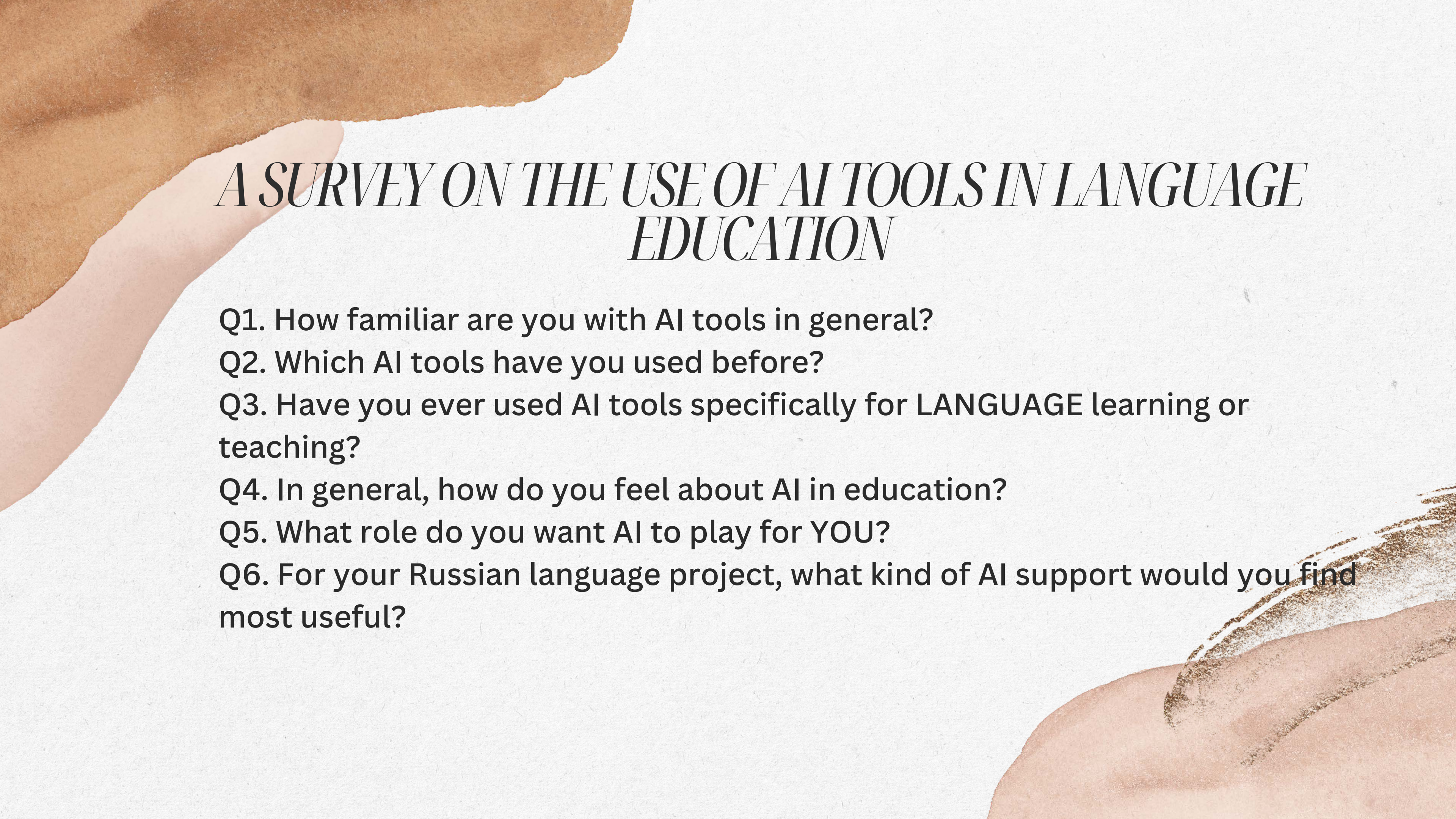
Na Young Ryu

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A SURVEY ON THE USE OF AI TOOLS IN LANGUAGE EDUCATION

Q1. How familiar are you with AI tools in general?

Q2. Which AI tools have you used before?

Q3. Have you ever used AI tools specifically for LANGUAGE learning or teaching?

Q4. In general, how do you feel about AI in education?

Q5. What role do you want AI to play for YOU?

Q6. For your Russian language project, what kind of AI support would you find most useful?



WHY AI MATTERS IN LANGUAGE EDUCATION



Core Challenges: The Traditional Bottleneck

- Limited Access: Scarcity of expert teachers and up-to-date materials due to geographical and economic barriers.
- High Cost: Significant production investment for curricula (textbooks, audio, video) leading to expensive education.
- Lack of Personalization: One-size-fits-all classroom pacing with generic and delayed feedback.
- Slow Cycles: Content creation and revision takes too long, making materials quickly irrelevant or outdated.

WHY AI MATTERS IN LANGUAGE EDUCATION



AI Solves: The Path to Scale and Effectiveness

- Speed: Instant generation of vast, targeted practice materials (quizzes, scenarios) for teachers and students.
- Accessibility: 24/7 access to high-quality tutors and tools, democratizing education globally.
- Cost Reduction: Automation of content creation and basic instruction leads to significantly more affordable learning paths.
- Customization: Real-time adaptive learning that analyzes individual errors and provides hyper-focused, on-demand drills.
- Creativity: Generates authentic, complex, and imaginative scenarios for immersive practice beyond static textbooks.

LANGUAGE LEARNING IS CHANGING

	Traditional Learning (The Past)	AI-Enhanced Learning (The Future)
Instruction Flow	One-Directional: Teacher lectures; content delivery is linear.	Interactive & Iterative: Dynamic feedback loops; learner dictates pace and focus.
Content Type	Textbook-Only: Reliance on static, printed materials and CDs.	Adaptive Multimedia: Interactive simulations, video/audio resources, and dynamic digital assets.
Curriculum	Same Content for All: Fixed curriculum regardless of student needs/progress.	Personalized Micro-Learning: Content adapts instantly based on individual performance data.

WHAT GENERATIVE AI ENABLES

GenAI enables the instant creation of complex, immersive content previously impossible or too expensive, fulfilling diverse roles in L2 learning:

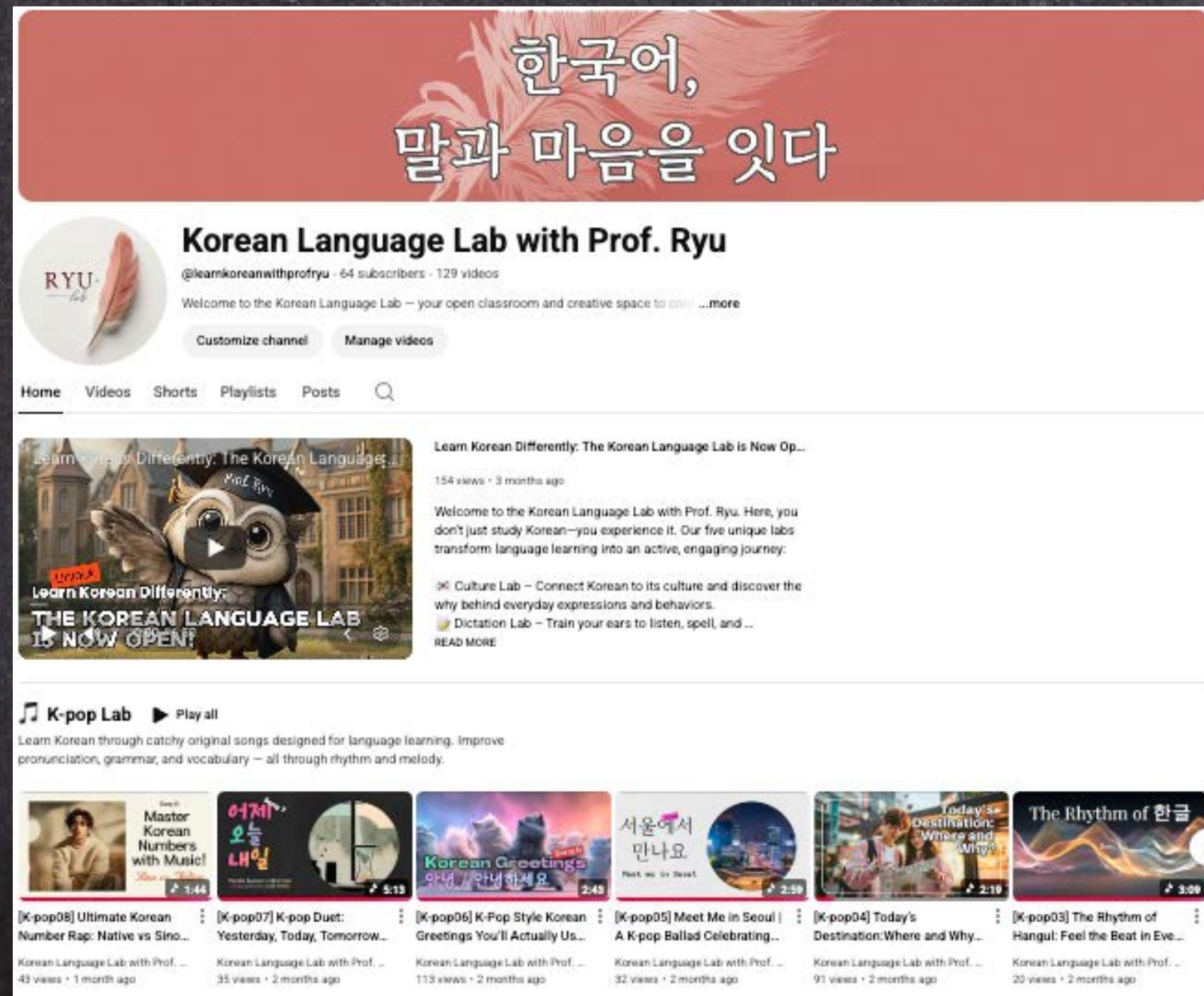
- ✓ **Authentic Dialogues & Scenarios (Speaking Partner):** Realistic conversational practice tailored to context. (e.g., Wan & Moorhouse, 2025; Youn, 2023)
- ✓ **Native-Like Voices:** High-fidelity audio with perfect intonation and natural flow.
- ✓ **Animated Characters (Avatars):** Engaging, personalized virtual practice partners.
- ✓ **Dynamic Cultural Content (Content Generator):** Instantly generated cultural immersion scenes and contexts. (e.g., Tan et al., 2023; Karataş et al., 2024)

WHAT GENERATIVE AI ENABLES

GenAI enables the instant creation of complex, immersive content previously impossible or too expensive, fulfilling diverse roles in L2 learning:

- ✓ **Topic-Based Lessons (Content Generator):** Complete, specialized lessons on any subject, on demand. (e.g., Tan et al., 2023; Ghafouri et al., 2024)
- ✓ **Rhythm & Music Integration:** Tools for memory-aiding, musical language practice.
- ✓ **Instant, Granular Feedback (Writing Assistant/Evaluator):** Immediate correction on pronunciation, fluency, and grammar. (e.g., Hwang et al., 2025; Uchida & Negishi, 2025)
- ✓ **Multilingual Accessibility:** Seamlessly provides language scaffolding and translation.

REAL EXAMPLE: KOREAN LANGUAGE LAB WITH PROF. RYU



- Project: Korean Language Lab with Prof. Ryu
- Official Launch: Korean Liberation Day, 2025 (August 15th)
- URL:
<https://www.youtube.com/@learnkoreanwithprofryu>
- Core Concept: An educational content platform for Korean language learning, with 100% of the material created using AI tools.

WATCH & REFLECT: CONNECTING AI VISION TO YOUR PROJECT

Before you watch the introduction to the AI-Powered Korean Language Lab, please prepare to answer the following questions, **linking the case study to your own Russian language education projects**:

1. The Why? (Motivation & Mission)

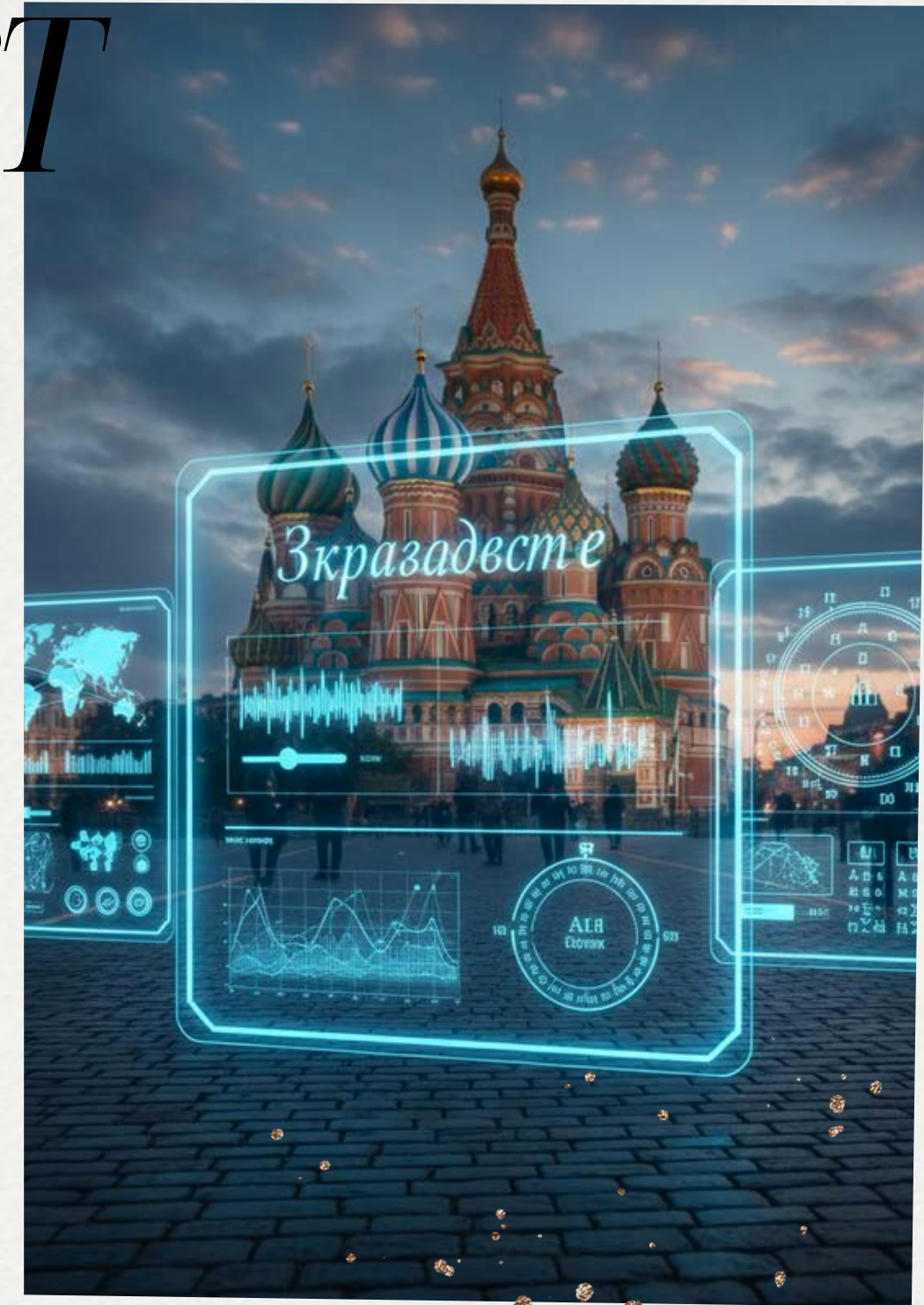
Why did I create a platform that utilizes AI for 100% of its content production? What fundamental problem in L2 education was I trying to solve?

2. The How? (Workflow & Application)

How can the specific AI workflow I used (e.g., ChatGPT, Gemini, ElevenLabs, Midjourney etc.) be adapted and applied to your current or future Russian Language Education project?

3. The What Next? (Impact & Future Scope)

What solutions can this AI innovation offer to critical issues in Russian education, such as Accessibility, Inclusivity, and Sustainability?



BEFORE YOU WATCH: AI, VISION, AND YOUR PROJECT

1) 러시아어 교육의 접근성과 포용성 확대

- 디지털 격차 해소를 위한 러시아어 온라인 학습 플랫폼 설계
- 다문화, 이주배경 학생을 위한 교육 프로그램

2) 지속가능한 사회와 러시아어 교육

- 지속가능성을 주제로 한 러시아어 수업 디자인
- 러시아어 교육을 통한 글로벌 시민의식 함양

3) 기술과 혁신의 융합

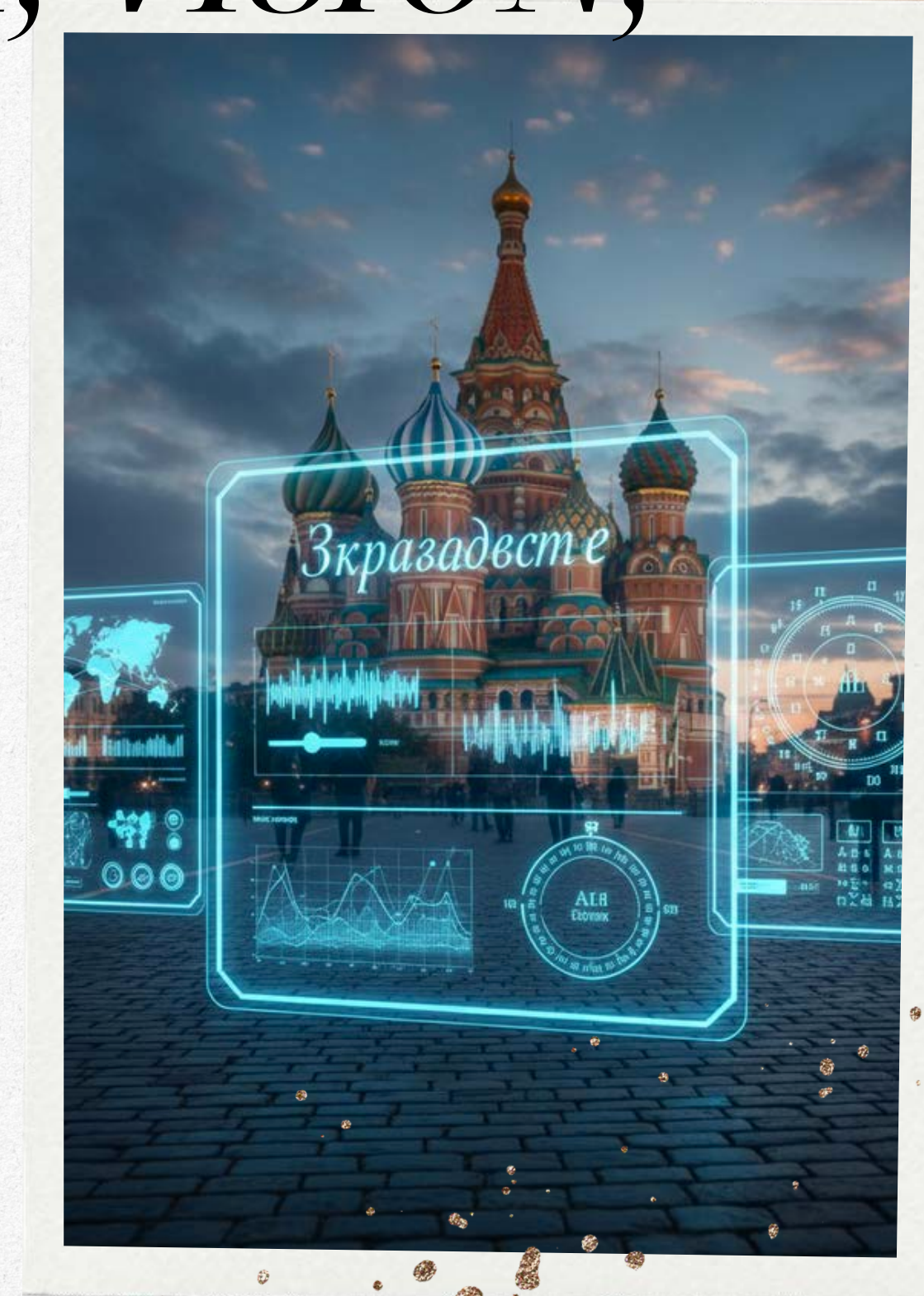
- AI를 활용한 러시아어 학습의 혁신
- 러시아어 교육용 오픈데이터 구축

4) 지역사회 연계형 언어교육

- 러시아어를 통한 지역 사회문화 교류 프로그램
- 사회적 연대를 실천하는 교육 사례 방안

5) 비판적 교육학 관점

- 러시아어 교과서 속 사회, 문화적 재현 분석
- 사회문제 해결형 러시아어 교육





ARE YOU FEELING LOST

PRODUCTION PIPELINE

	AI Tools Used	Purpose
Scripting & Content	ChatGPT, Gemini, Copilot &	Initial script generation and cross-validation for accuracy, natural flow, and pedagogical soundness.
Voice & Audio	ElevenLabs	Generates high-fidelity, native-like Korean and English voiceovers, including distinct character voices (Prof.Ryu & TA Harry)
Visuals	Midjourney & Nano Banaba	Creation of diverse visual assets, including both 2D illustrations and immersive 3D environments/characters .
Music & Sound	Suno	Generation of unique, context-appropriate background music and sound effects.
Final Assembly	CapCut	Efficient video editing, automatic subtitling, and post-production using built-in AI tools.

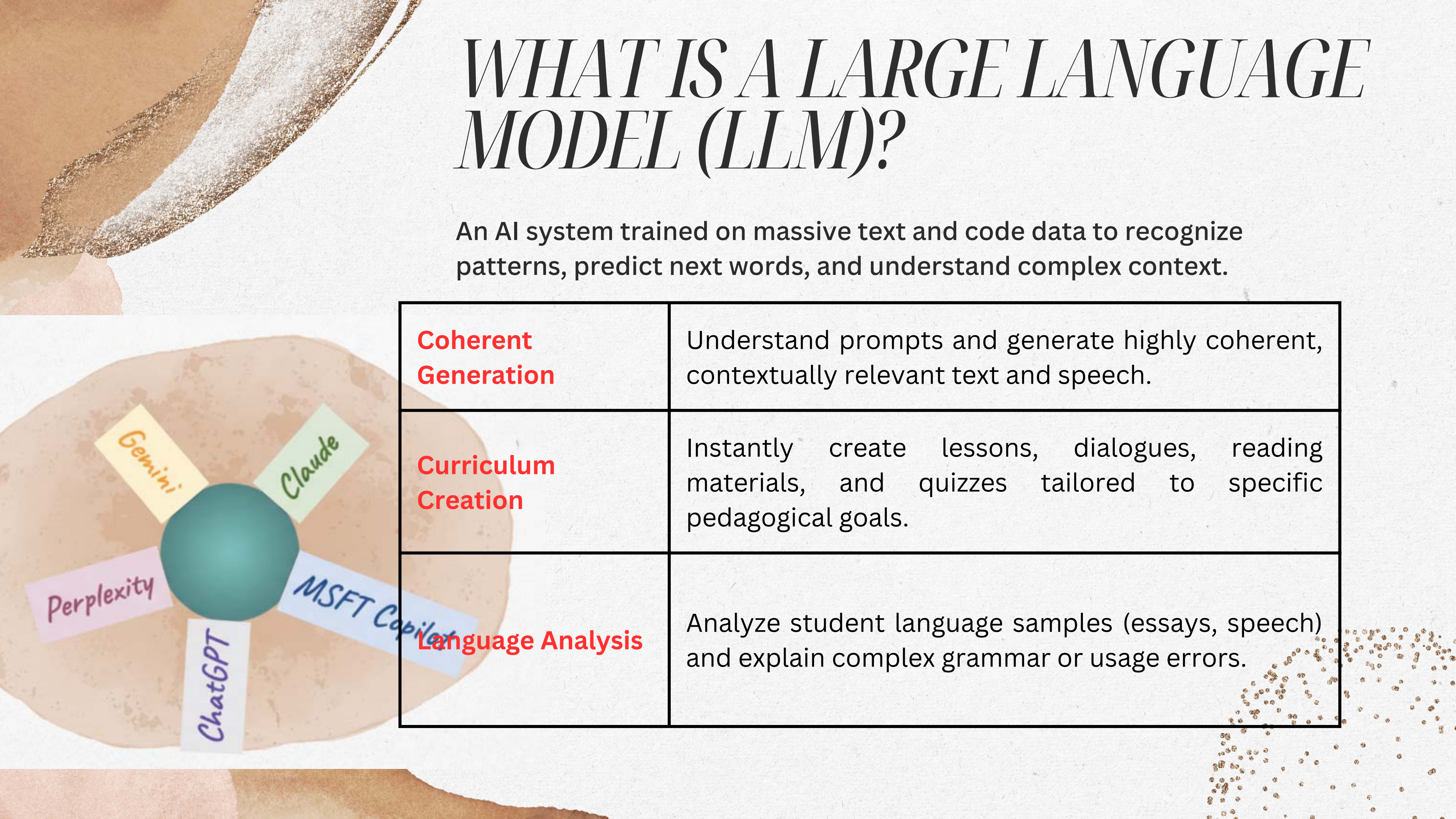
The background is a collage of torn paper in shades of brown, tan, and cream. Gold glitter is applied in wavy, abstract patterns across the composition, particularly along the edges of the paper layers.

STEP 1: SCRIPT GENERATION (LLMS)

WHAT IS A LARGE LANGUAGE MODEL (LLM)?

An AI system trained on massive text and code data to recognize patterns, predict next words, and understand complex context.

Coherent Generation	Understand prompts and generate highly coherent, contextually relevant text and speech.
Curriculum Creation	Instantly create lessons, dialogues, reading materials, and quizzes tailored to specific pedagogical goals.
Language Analysis	Analyze student language samples (essays, speech) and explain complex grammar or usage errors.



LLMS IN ACTION: YOUR NEW CO-DESIGNERS

LLMs serve multiple, powerful roles in the modern language classroom:

- Writing Assistants: Provide instant feedback, summarization, and tone adjustments.
- Language Partners: Offer 24/7 conversational practice and scenario-based role-play.
- Curriculum Co-Designers: Accelerate the creation of diverse and adaptive educational content.

EXAMPLE FROM THE CULTURE LAB: LLM-GENERATED CONTENT

아래는 8-10분 길이, 6개 장면 구성, 한국어 중심 대본, 난이도 높은 단어만 영어 자막(소괄호) 방식을 모두 충족하는 한국 Culture Q&A Lab용 완성 스크립트입니다.

톤은 자연스럽게 설명은 구체적이며, 실제 상황 예시를 풍부하게 넣었습니다.

★ 한국 Culture Q&A Lab

"왜 한국 사람들은 나이를 먼저 물어봐요?"

6개 Scene용 풀 스크립트

🎬 Scene 1 — 오프닝 & 질문 제시

안녕하세요, Korean Culture Q&A Lab의 류쌤입니다.
오늘은 외국인 학습자들이 정말 많이 궁금해하는 질문이에요.

"왜 한국 사람들은 처음 만나면 나이를 먼저 물어봐요?"

한국에 오면 이런 상황 자주 있죠.

- "몇 살이에요?"
- "나이 어떻게 되세요?"
- "혹시... 저보다 나이가 많아요?"

갑자기 나이를 물어보는 것이 *실례(impoliteness)*라고 느껴

🎬 Scene 2 — 핵심 이유: 말투(tone)·호칭(title)·관계(relationship)

한국에서는 나이가 사회적 관계의 기본 기준이 됩니다.

즉, 나이를 알아야 어떤 말투를 쓰고, 어떤 호칭으로 부를지 결정할 수 있어요.

예를 들어:

- 상대가 **연상(older)**이면 → 존댓말(honorific speech) + "언니/오빠/형/누나"
- 상대가 **동갑(same age)**이면 → 빠르게 친구 사이로 분위기(atmosphere)가
- 상대가 **연하(younger)**이면 → 편하게 말해도 된다고 알려줌

말투와 호칭이 잘못되면 **실례(rudeness)**가 될 수 있기 때문에

한국 사람들은 가능한 빨리 관계 구조를 "정리(summary)"하려고 해요.

그래서 나이를 물어보는 건

상대를 존중(respect)하기 위한 과정(process)이라는 점이 중요해요.

🎬 Scene 6 — 외국인이 자연스럽게 대응하는 방법

한국에서 부담 없이 답하려면 이렇게 하면 좋아요.

✓ 방법 1: 범위로 답하기

- "20대예요!"
 - "30대 초반이에요!"
- 한국인도 '아~ 대략 어떤 말투 쓰면 되겠다' 하고 넘어가요.

✓ 방법 2: 먼저 질문 돌리기

- "저는 20대인데, 편하게 말씀해도 될까요?"

✓ 방법 3: 거절도 가능

정중하게 말하면 전혀 불편하지 않아요.

- "죄송하지만 나이는 말하고 싶지 않아요."
- "나이는 비밀이에요. 대신 이름으로 불러주세요!"

한국인 대부분은

"아! 알겠습니다" 하고 바로 이해해요.

“

제 외국인 친구 소피는 한국어 수업 첫날 옆

”



EXAMPLE PROMPTS FOR RUSSIAN EDUCATION

This is how you command the LLM to become your creative partner:

Real-world Task-Based Practice

"I am preparing to negotiate a student exchange apartment rental in St. Petersburg. **Create a Russian dialogue (B2 level)** focusing on polite phrases to discuss the deposit and lease duration."

Everyday Practicality & Scenario-Based Learning

"Generate 15 essential Russian vocabulary words related to '**Ordering Food at a Russian Restaurant**' (Ресторан), provide example sentences, and then create a role-play script where the waiter makes three mistakes."

Role-Play & Grammar Practice)

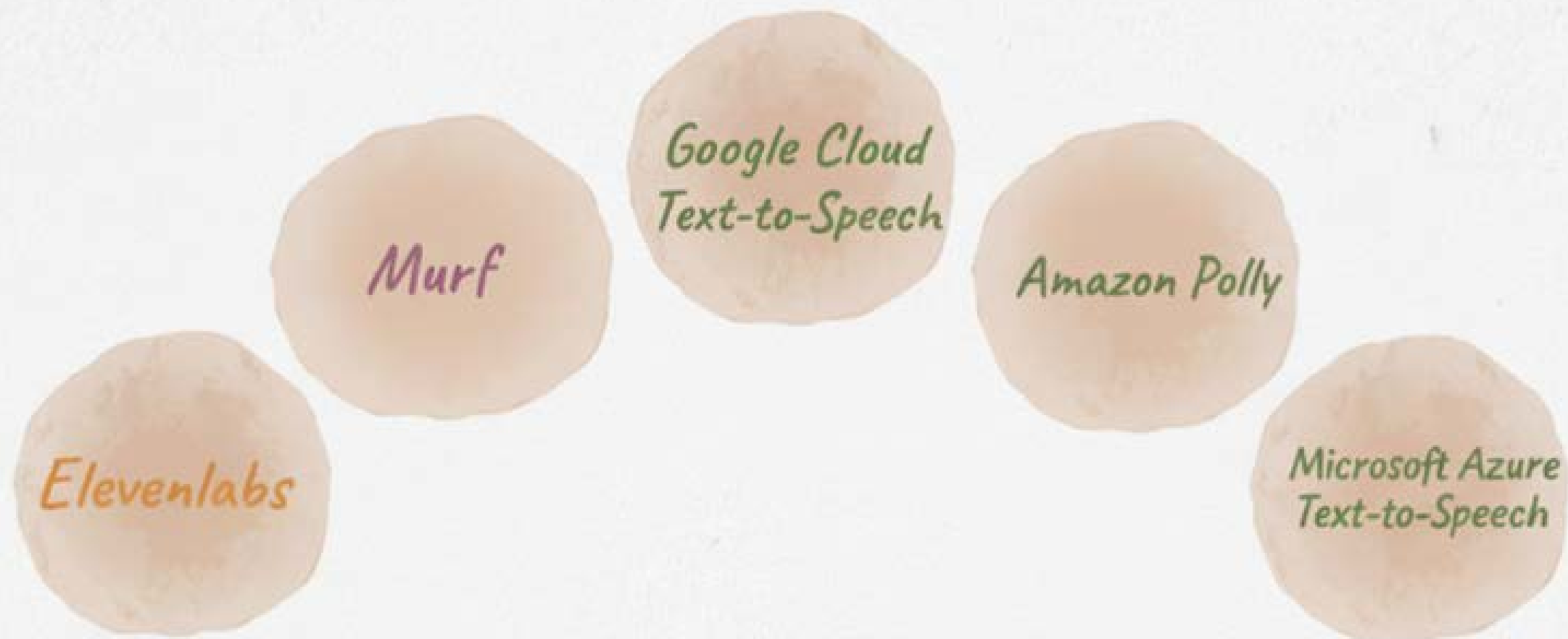
"Act as a native Russian speaker named 'Dmitri' who is my language exchange partner. I want to practice the imperfective aspect. Correct my mistakes and integrate five new phrases using '**-ся** **verbs**' into our chat."

The background is an abstract composition of layered, torn paper in shades of beige, cream, and light brown. Overlaid on this are several wavy, hand-drawn lines of gold glitter. The text is centered on a large, irregular white paper-like shape.

STEP 2: VOICE GENERATION (TTS)

WHAT IS TTS?

Text-to-Speech is an AI technology that converts written text into highly natural-sounding, synthesized audio.



WHY TTS IS A GAME-CHANGER IN L2 EDUCATION

- **Native-like Pronunciation Support:** Provides reliable models for learners to imitate, ensuring they hear and practice correct intonation and phonetics.
- **Multiple Character Voices:** Allows the creation of dialogues with distinct speakers (male/female, varied tones) without hiring human voice actors.
- **Scalable Listening Practice:** Instantly generates unlimited audio content for listening comprehension and testing purposes.
- **Accessibility & Inclusivity:** Essential for learners with visual impairments or providing reading support for immigrant or low-literacy learners.
- **Adjustable Speed & Emotion:** Learners can control playback speed for comprehension, and advanced TTS can inject appropriate emotion (e.g., excitement, frustration) into dialogue.
- **Perfect for Shadowing & Dictation:** Creates a precise, repeatable audio source ideal for intensive listening/speaking exercises.
- **Cost & Time Efficiency:** Drastically reduces the cost and time associated with professional studio recording.

URL:
elevenlabs.io

The most realistic voice AI platform

AI voice models and products powering millions of developers, creators, and enterprises. From low-latency conversational agents to the leading AI voice generator for voiceovers and audiobooks.

SIGN UP

CONTACT SALES

TEXT TO SPEECH

AGENTS

MUSIC

SPEECH TO TEXT

DUBBING

VOICE CLONING

ELEVENREADER

В древней земле Элдории, где небо мерцало, а леса шептали ветру свои тайны, жил дракон по имени Зефирос. [sarcastically] Не из тех, кто всё сжигает дотла... [giggles] он был мягким, мудрым, с глазами, как старые звёзды. [whispers] Даже птицы замолкали, когда он проходил мимо.

Larisa Actrisa | Рассказать историю

2 speakers | Создать диалог

Maya J | Озвучка игры

David Martin 1 | Разыграть роль сержанта-инструктора

Larisa Actrisa | Рассказать старую историю

Dmitry | Предоставление поддержки клиентам

RUSSIAN

PLAY

HANDS-ON WORKSHOP: INTEGRATED LLM + TTS PRACTICE

Step 1: Scripting with LLM (ChatGPT/Gemini)

Goal	Secure an error-free, 30-second Russian self-introduction script.
Example Prompt	I am a Russian language student named ‘민수’, currently studying in Seoul, South Korea. Please write a Russian self-introduction script, about 30 seconds long, ensuring it includes: 1. My name and nationality (South Korean). 2. My current study location (Seoul). 3. My school, major/field of study. 4. One short, engaging sentence about why I love the Russian language or culture.

HANDS-ON WORKSHOP: INTEGRATED LLM + TTS PRACTICE

Step 2: Quality Check & Cross-Validation

Goal	• Use at least TWO different LLMs (e.g., Gemini and ChatGPT) to verify the text's naturalness and accuracy. • Do not accept the AI's first draft blindly. Learn to verify the quality using a second, independent LLM or your own knowledge. This ensures accuracy and fluency.
Example Prompt	I used another AI tool to write this Russian text. Please verify it for grammatical accuracy and suggest ways to make a few sentences sound more natural and idiomatic to a native speaker.

HANDS-ON WORKSHOP: INTEGRATED LLM + TTS PRACTICE

Step 3: Audio Generation via TTS (ElevenLabs)

Goal	Convert the verified text into high-quality Russian speech.
Tool	ElevenLabs.io (or ANY other high-quality TTS tool you prefer, such as Google or Amazon TTS!)
Practice Steps	1. Go to your chosen TTS URL (e.g., elevenlabs.io). 2. Select the language: Russian. 3. Paste the final, verified script into the text window. 4. Press Generate, listen to the audio, and begin your Shadowing practice immediately.

TTS IN LANGUAGE EDUCATION: THE DOUBLE-EDGED SWORD

TTS (Text-to-Speech) brings innovation to language learning, but its limitations and risks must be understood for responsible use.

Advantages	Limitations & Risks
• Instant Audio Generation (Rapid content creation) • Consistent Pronunciation (Reliable pronunciation model for imitation) • Adjustable Speed & Style (Customizable for comprehension and specific scenarios) • Multilingual Support (High accessibility across diverse languages) • Cost-Effective (Eliminates the need for expensive studio recording)	• Occasional Mispronunciation (Errors in proper nouns or complex context) • Limited Natural Interaction (Cannot replicate real human conversation flow/non-verbal cues) • Simulated Emotion (Synthesized emotion may sound unnatural or lacking in empathy) • Over-Reliance Risk (May discourage learners from producing their own speech) • Ethical Issues (Voice cloning misuse, data privacy concerns)

BEST PRACTICES: COMBINING AI POWER WITH HUMAN JUDGMENT

TTS is most effective when paired with critical pedagogical decisions.

Use TTS for (Focusing on Repetition & Production)	Always Combine with (Ensuring Quality & Context)
• Dictation (Listening comprehension and writing accuracy) • Shadowing (Fluency and intonation practice) • Dialogues & Storytelling (Creating complex, multi-voice narratives) • Role-Play Preparation (Rehearsing scripts before human interaction)	• Teacher Judgment: Final quality check on cultural appropriateness and nuance. • Subtitles & Phonetic Support: Providing visual aids alongside the audio for reinforcement. • Comparison with Real Human Speech: Training learners to identify and analyze the subtle differences between synthesized and human voices.

The background is a collage of torn paper in shades of brown, tan, and cream. Gold glitter is applied in wavy, abstract patterns across the composition. The text is centered on a white, torn-paper-like shape.

*STEP 3: VISUAL
CREATION
WITH
GENERATIVE AI*

WHY VISUALS MATTER IN L2 LEARNING:

Generative visual tools leverage AI to create stunning images or videos from simple text prompts.

- Contextual Understanding: Images provide immediate context, making new vocabulary and grammar easier to grasp.
- Vocabulary Memory: Visual associations significantly enhance word retention.
- Cultural Understanding: Depicting cultural scenes helps learners internalize social norms and environments.
- Emotional Immersion: Evocative visuals create a richer, more engaging learning experience.

Midjourney

DALL·E 3
(ChatGPT)

*KEY GENERATIVE
VISUAL TOOLS:*

Nano
Banaba
(Google
Gemini)

Runway /
Kling

KEY GENERATIVE VISUAL TOOLS: A DETAILED OVERVIEW

Tool	Core Capability & Focus	Text Accuracy / Fidelity	Educational Relevance & Best Use Case
Midjourney	Artistic & High-Fidelity Images. Best for stunning, atmospheric, and highly stylized artwork.	Very Low. Text is highly unreliable; often generates "gibberish" or distorted letters.	Ideal for cultural immersion and dialogue backdrops where text is <i>not</i> necessary.
Nano Banana (via Gemini)	Integrated & Accessible Visuals. Excels at consistency, speed, and integration with the LLM workflow.	High. Strong at rendering accurate, clean text, especially Cyrillic and clear labeling, due to deep integration with the LLM.	Excellent for worksheets, flashcards, and quizzes where readable text (e.g., labels, titles) is crucial.
DALL·E 3 (via ChatGPT)	Context-Aware Generation. Good at placing specific objects and interpreting complex, multi-element prompts.	Moderate to High. Significantly better than Midjourney, but may still struggle with complex non-Latin scripts (like Cyrillic) without careful prompting.	Useful for generating images requiring specific text placement (e.g., a sign or menu) in a scene, provided output is verified.
Runway Gen-2 / Kling	Text-to-Video Generation. Creates short, dynamic video clips (motion from text or images).	Not Applicable/Low. Focus is on motion and visual coherence; text within the video is generally unreliable and not its primary function.	Essential for dynamic cultural scenarios and mini-dialogues, bringing movement and realism to language use.



GENERATING VISUALS: A MULTI-TOOL APPROACH

“A clean 2D illustration of the interior of a university library in South Korea. On the desk, there is a Russian language textbook and a pencil. On the wall, there is a poster clearly displaying the Korean phrase '**러시아어 공부 화이팅!**' and the Cyrillic phrase 'Учим русский язык!'. The poster has a bright and friendly atmosphere.”

Midjourney



Nano Banana (via Gemini)



DALL·E 3 (via ChatGPT)



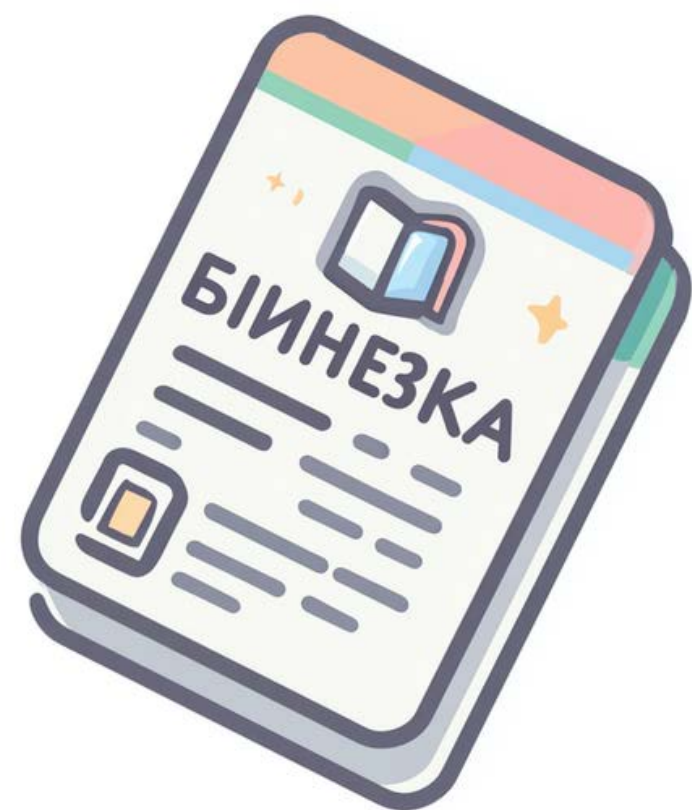
THREE PROMPTS FOR QUALITY COMPARISON

Prompt1: "A simple, clean illustration of a digital flashcard for learning Russian. The card must clearly display the Cyrillic word 'Библиотека' (Library) and a small icon of a book. Use bright, consistent colors."

Prompt2: "A high-fidelity, dramatic oil painting depicting a character from Dostoevsky's 'Crime and Punishment' (Преступление и наказание) walking alone on a foggy street in 19th-century St. Petersburg. Cinematic, dark academia style, русская литература."

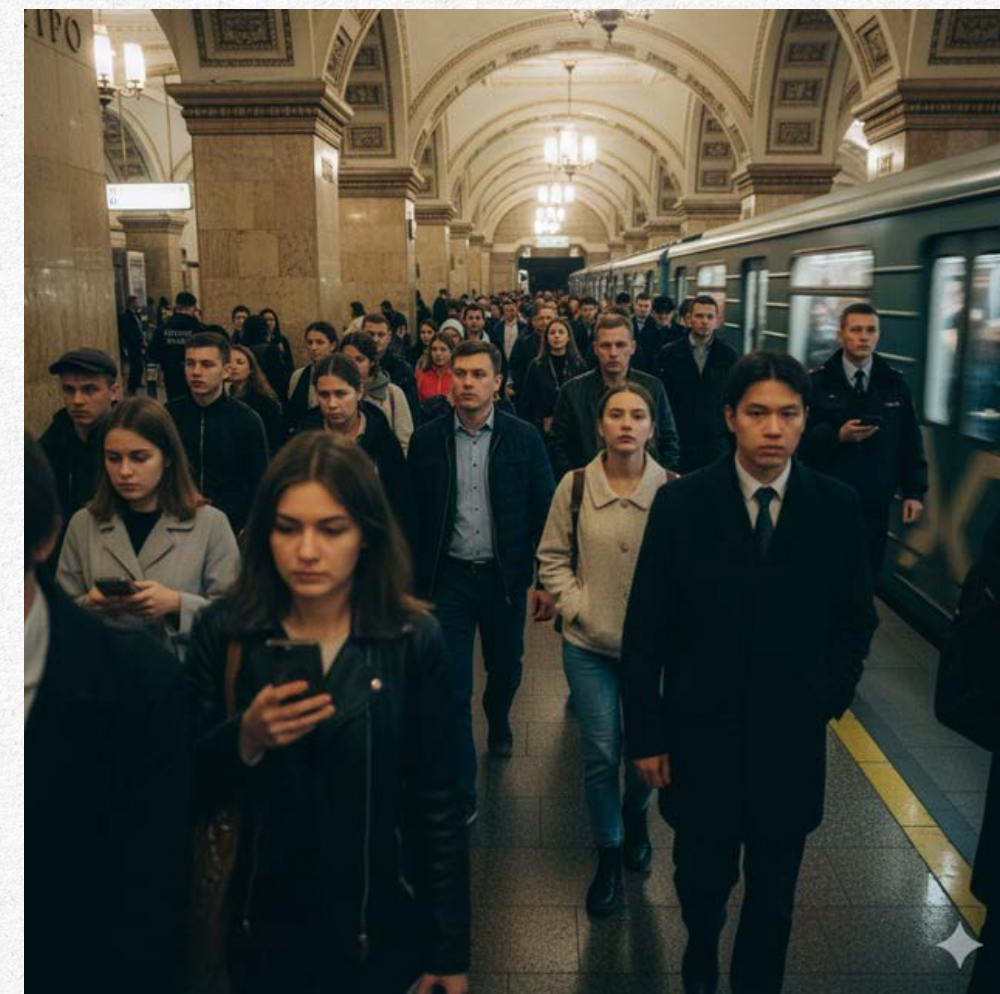
Prompt3: "A photo-realistic snapshot of a crowded, busy Saint Petersburg metro station (Метро) during rush hour. Focus on the diverse faces of the people commuting, the architecture of the station entrance, and a hint of the fast-moving train."

MIDJOURNEY



NANO BANANA

Библиотека



CHATGPT



БИБЛИОТЕКА



The background is a collage of torn paper in shades of brown, tan, and cream. Gold glitter is applied in wavy, abstract patterns across the composition. The text is centered on a large, irregular white piece of paper.

STEP 4: AI MUSIC FOR LEARNING

WHY MUSIC IS A POWERFUL L2 TOOL

AI Music generators like **Suno utilize large audio models to create original, copyright-free songs and background tracks from simple text descriptions.**

Music fundamentally changes the way the brain processes and retains language.

- **Memory Enhancement**: Melodies act as strong mnemonics, significantly improving vocabulary and grammar retention.
- **Rhythm & Prosody**: Music helps learners internalize the natural rhythm and speech prosody (intonation patterns) of the target language.
- **Motivation & Repetition**: Songs make repetition enjoyable, combating boredom and encouraging necessary practice.
- **Speech Timing**: Practicing lyrics helps learners master the correct timing and flow of speech.

SUNO EXAMPLES FOR KOREAN LEARNING



Korean Language Lab with Prof. Ryu

@learnkoreanwithprofryu · 64 subscribers · 129 videos

Welcome to the Korean Language Lab — your open classroom and creative space to connect with Korean culture and language. ...more

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Learn Korean Differently: The Korean Language Lab is Now Open

157 views · 3 months ago

Welcome to the Korean Language Lab with Prof. Ryu. Here, you don't just study Korean—you experience it. Our five unique labs transform language learning into an active, engaging journey:

- ☞ Culture Lab — Connect Korean to its culture and discover the why behind everyday expressions and behaviors.
- ☞ Dictation Lab — Train your ears to listen, spell, and ...

[READ MORE](#)

🎵 K-pop Lab ▶ Play all

Learn Korean through catchy original songs designed for language learning. Improve pronunciation, grammar, and vocabulary — all through rhythm and melody.



Master Korean Numbers with Music!

1:44



어제, 오늘, 내일

8:13



Korean Greetings

2:43



서울에서 만나요

2:59



Today's Destination: Where and Why?

2:19



The Rhythm of 한글

3:09

[K-pop08] Ultimate Korean Number Rap: Native vs Sino...

[K-pop07] K-pop Duet: Yesterday, Today, Tomorrow...

[K-pop06] K-Pop Style Korean Greetings You'll Actually Use...

[K-pop05] Meet Me in Seoul | A K-pop Ballad Celebrating...

[K-pop04] Today's Destination: Where and Why...

[K-pop03] The Rhythm of Hangul: Feel the Beat in Eve...

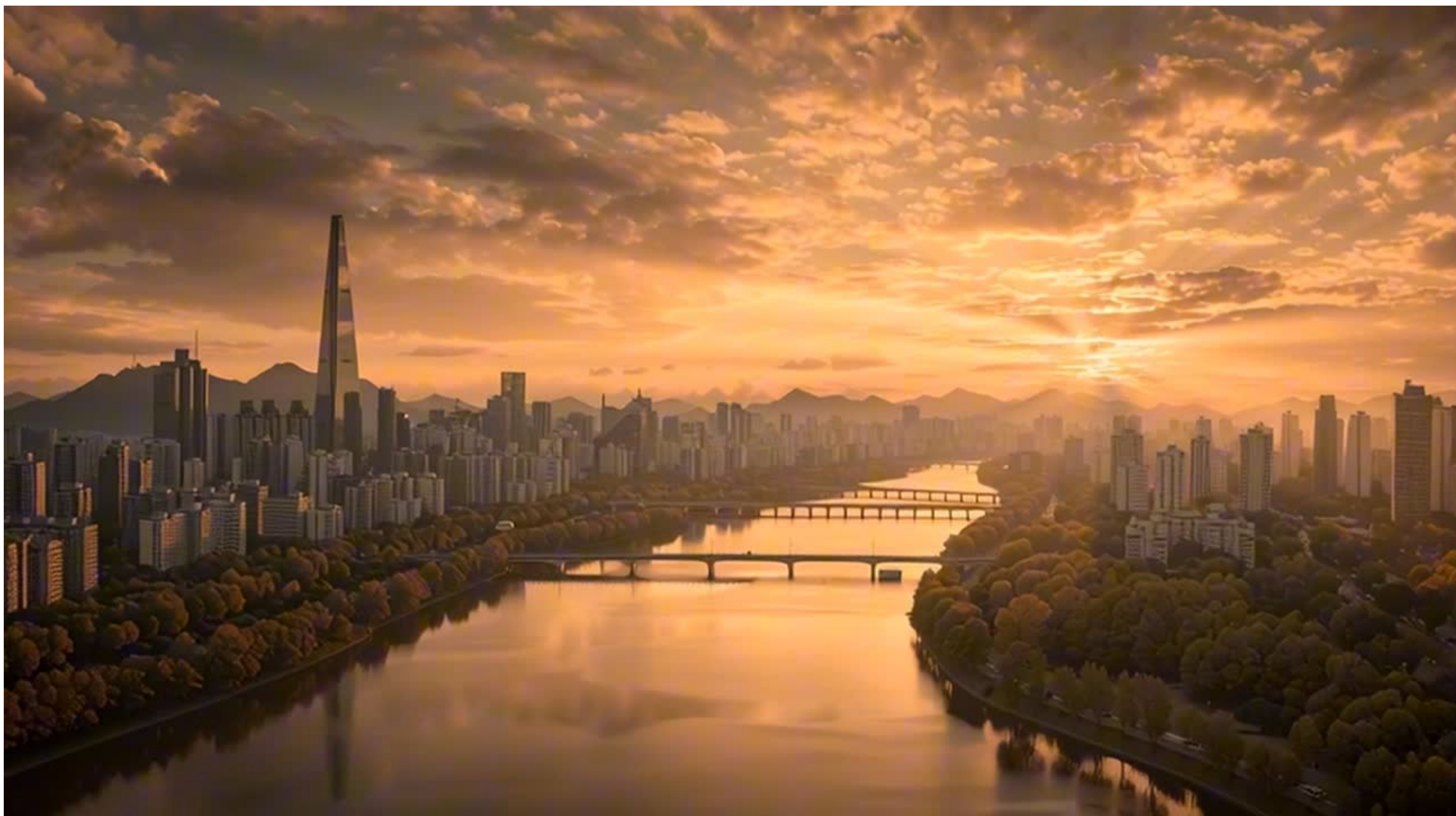


안녕 말고도





일곱 여덟 아홉 열





DON'T CONFUSE 에 AND 에서



SAMPLE SUNO PROMPT

- Title: I Just Wanna... 하고 싶어
- Lyrics Language: Korean-English bilingual
- Genre: Emotional Pop / K-pop Ballad
- Style Description: Emotional bilingual pop ballad with soft piano, mellow synth textures, and subtle ambient pads. The arrangement should feel minimal yet expressive, gradually building from intimate verses to a fuller, emotional chorus. The tempo is slow and reflective (around 70–80 BPM). Vocals should be clear, warm, and youthful — gently expressive with moments of vulnerability.

SAMPLE SUNO PROMPT 2

Title: 오늘은 뭐하러 어디에 가요?

[Genre: Urban R&B Duet]

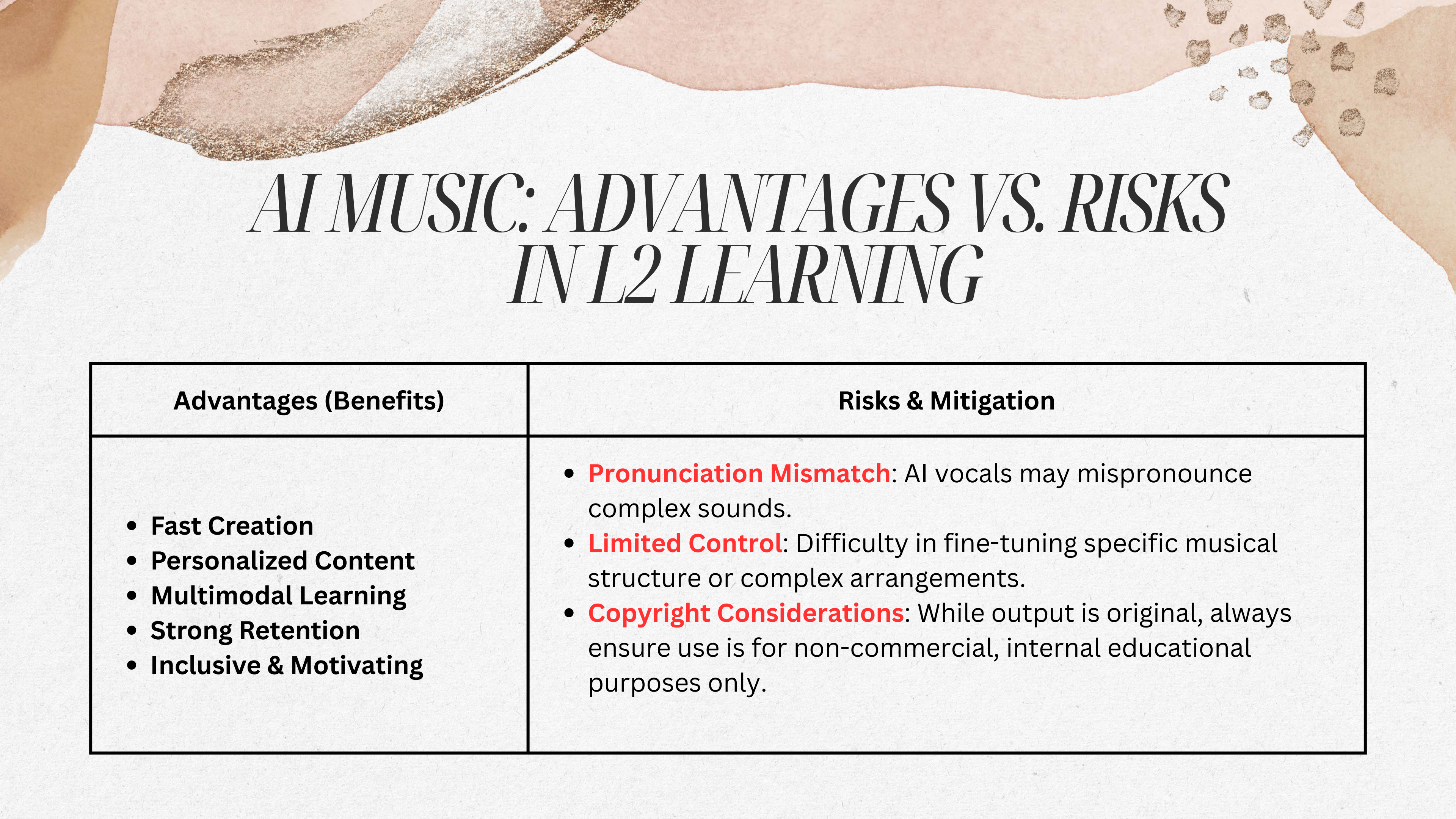
[BPM: 92]

[Mood: Hip, Playful, Romantic, Conversational, City Vibes]

[Instruments: Warm Electric Piano, Lo-fi Drum Beat, Deep Bass, Soft Synth Pads, Jazz Guitar Licks]

[Vocals: Male & Female duet, male asks, female answers, smooth harmonies in chorus]

[Language: Korean only]



AI MUSIC: ADVANTAGES VS. RISKS IN L2 LEARNING

Advantages (Benefits)	Risks & Mitigation
• Fast Creation • Personalized Content • Multimodal Learning • Strong Retention • Inclusive & Motivating	• Pronunciation Mismatch: AI vocals may mispronounce complex sounds. • Limited Control: Difficulty in fine-tuning specific musical structure or complex arrangements. • Copyright Considerations: While output is original, always ensure use is for non-commercial, internal educational purposes only.

Scripting:
(LLM: Gemini / ChatGPT)

Voice:
TTS
(ElevenLabs)

*PUTTING IT ALL
TOGETHER*

Visual:
Image & Video AI
(Midjourney, Nano
Banana)

Music: Music AI
(Suno)

Editing: Video
editing (CapCut/
Premiere)



안녕하세요! 류쌤이에요.

GROUP PROJECT CHALLENGE:

- You have 15 minutes in your groups to design an innovative Russian language learning resource using the AI tools we discussed.
- Your team must design a concept for a short (3 to 5 minutes) educational content piece focusing on a Russian language or culture topic.

Task Requirements:

1. Select a Topic: Choose one specific, narrow topic
2. Choose the Tools
3. Create Your Core Prompts:
 - Your team must write at least two (2) critical prompts for content generation (e.g., one for the LLM script, one for the Visual AI image).
 - You may write additional prompts for music or for revising the script if needed.

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PRESENTATION GUIDELINES

- After 15 minutes, each group will briefly share their plan with the class.
- Present Your Plan:

1. Topic & Goal (1 Min): What Russian topic did you choose, and what is the specific learning goal?

2. Tool Justification (1.5 Min): Which two key AI tools did you select and why are they the best choice for your content? (e.g., "We chose Nano Banana because we need accurate Cyrillic labels on our flashcards.")

3. Share Your Prompts (1.5 Min): Read your two most important prompts (LLM and Visual).

4. Expected Outcome: Describe what the final video/asset would look like.

CONCLUSION: THE FUTURE OF AI IN LANGUAGE EDUCATION

The Future is Now: AI Tools in Language Education

We have completed our journey today, transforming into AI Content Creators using LLM, TTS, Visual AI, and Music AI. Let's look at where AI stands now and the transformative future it promises for language acquisition.

CONCLUSION: THE FUTURE OF AI IN LANGUAGE EDUCATION

The Current State: The Personalized Partner

AI has democratized language learning and content creation:

- **Customization:** AI allows teachers and students to instantly generate learning material tailored to any topic, difficulty level, and format.
- **Efficiency:** Tools like LLM and TTS drastically reduce content production time, allowing educators to focus on pedagogy and student interaction.
- **Accessibility:** By providing high-quality pronunciation models and customized visuals affordably, AI lowers the barrier to entry for all learners.

CONCLUSION: *THE FUTURE OF AI IN LANGUAGE EDUCATION*

The Future: Hyper-Realistic Immersion

The next phase of AI will move beyond simple asset generation to create truly immersive learning environments:

- **Full Immersion Environments (XR):** Future AI will generate fully interactive 3D virtual reality environments where learners can practice the target language (e.g., interacting with AI avatars on a virtual Moscow street).
- **Emotionally Responsive Tutors:** AI partners will analyze a student's tone, emotional state, and subtle speech prosody errors, providing human-like feedback and building deeper engagement.
- **Predictive Pedagogy:** AI systems will analyze learning patterns and proactively generate supplemental materials or revision content before the student even realizes they are struggling with a specific grammar point.

Thank You & Q&A

AI will not replace teachers. But teachers who use AI will replace teachers who don't.

I encourage you all to embrace these powerful tools responsibly and lead the future of Russian language learning as AI-Powered Creators.

Na Young Ryu (nmr5569@psu.edu)

Na-Young Ryu

ResearchPublicationsPresentationsTeachingContact

Teaching Resources

I am excited to share my collection of materials with fellow educators and enthusiasts of Korean language and culture. Below, you will find a variety of resources that I have developed and refined through years of teaching experience.

Feel free to use, adapt, and customize these materials to best fit your classroom needs and teaching style. I hope they inspire and support your journey in teaching Korean language and culture!



Enhanced Lecture Slides

Dynamic and engaging Canva lecture slides designed for Korean language learners, making the learning process interactive, effective, and enjoyable.

FIND MORE



Recommended Korean Dramas

A curated selection of popular Korean dramas to enhance language skills and deepen cultural understanding in a fun and immersive way.

FIND MORE



Perception Training for Vowels

A web-based perceptual training program designed to help learners improve their ability to distinguish between Korean vowel sounds accurately.

FIND MORE



Project-Based Learning

Individual or group projects that boost Korean language proficiency and cultural knowledge through creative, hands-on activities.

FIND MORE



Korean Drama Video Clips

Real-life grammar points and expressions extracted from popular dramas, providing practical and relatable language learning examples.

FIND MORE



Perception Training for Consonants

An interactive web-based program focused on mastering the challenging three-way contrast of Korean consonant sounds.

FIND MORE

[HTTPS://LABS.KOREAN-LINGUISTICS.COM/](https://labs.korean-linguistics.com/)

 Korean Dictation Lab

 K-pop Lab

 Korean Culture Q&A Lab

 Korean Speaking Lab

 Korean Make the Mistake Lab

 Shorts

Korean Language Lab with Prof. Ryu

Welcome to Prof. Ryu's Korean Language Lab!

The Korean Language Lab is organized into five sections:

1. Korean Dictation Lab
2. K-pop Lab
3. Korean Culture Q&A Lab
4. Korean Speaking Lab
5. Korean Make the Mistake Lab

I have prepared PDF resources for all episodes in each lab, with both a Student Version and, when available, a Teacher's Version (including an answer key). All materials are provided for educational use.

 **Korean Dictation Lab**

NO	VIDEO TITLE	LEVEL	PDF	YOUTUBE LINK
EP01	Expressions in Korean cafés 한국 카페에서 쓰는 표현	Beginner to Intermediate		
EP02	Expressions for ordering food 음식 주문할 때 필요한 표현	Beginner to Intermediate		
EP03	Expressions in convenience stores 편의점에서 쓰는 표현	Beginner to Intermediate	Available soon	Available soon

 **K-pop Lab**

NO	VIDEO TITLE	PURPOSE	PDF (STUDENT)	PDF (TEACHER)	YOUTUBE LINK
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An encouragement song for Korean learners~