



TEAM: 218 LET ME COOK



A CONVERSATIONAL EXPLORATION OF THAILAND ✨



TRAVEL PLANNING WITH AI: LEVERAGING LLMS FOR SMART DECISION GUIDES

FOREIGN TOURISTS ☆



**Why do foreigners
love Thailand?**

RICH CULTURE AND FOOD ✧



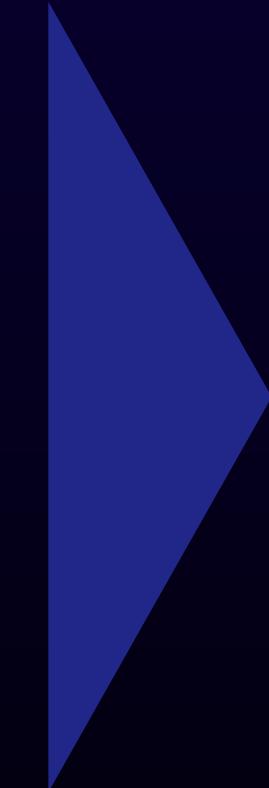
Tourists in Thailand [Average Income]



The number of Thai tourists is
greater than foreign tourists.

3.75 X

Tourists in Thailand [Average Income]



The average income per person from foreign tourists is higher than that of Thai tourists.

5.74 X

“

**Foreigners have higher purchasing power
than Thais.**

SITUATIONAL ANALYSIS ✶

LANGUAGE BARRIER



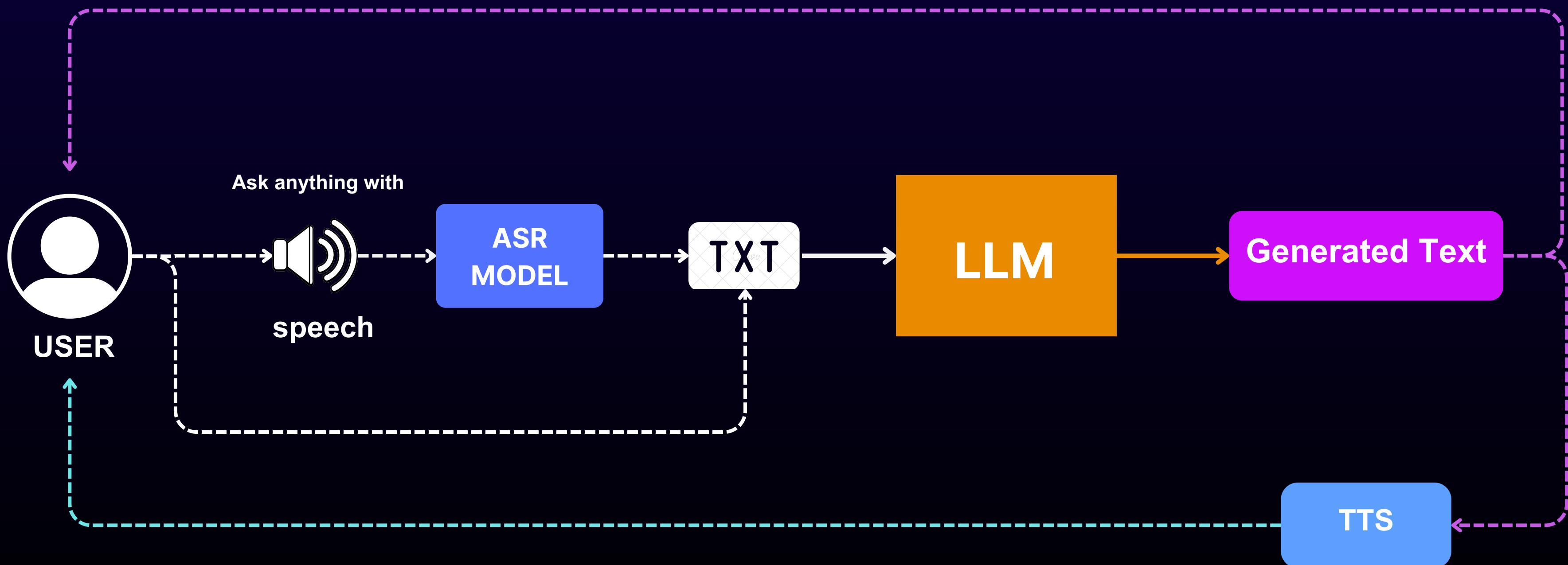
OUR INNOVATION SOLUTION

ASK ANYTHING !

WITH

TRAVEL PLANNING WITH AI

FEATURE PIPELINE



A S R ✩

ASR MODEL

Thonburian
Whisper



WHISPER

BASE MODEL

ENGLISH

SPANISH

CHINESE (MANDARIN)

JAPANESE

GERMAN

FRENCH

PORTUGUESE

RUSSIAN

ITALIAN

ARABIC

THAI LANGUAGE - FINETUNE

THAI LANGUAGE

ENGLISH

SPANISH

CHINESE (MANDARIN)

JAPANESE

GERMAN

FRENCH

PORTUGUESE

RUSSIAN

ITALIAN

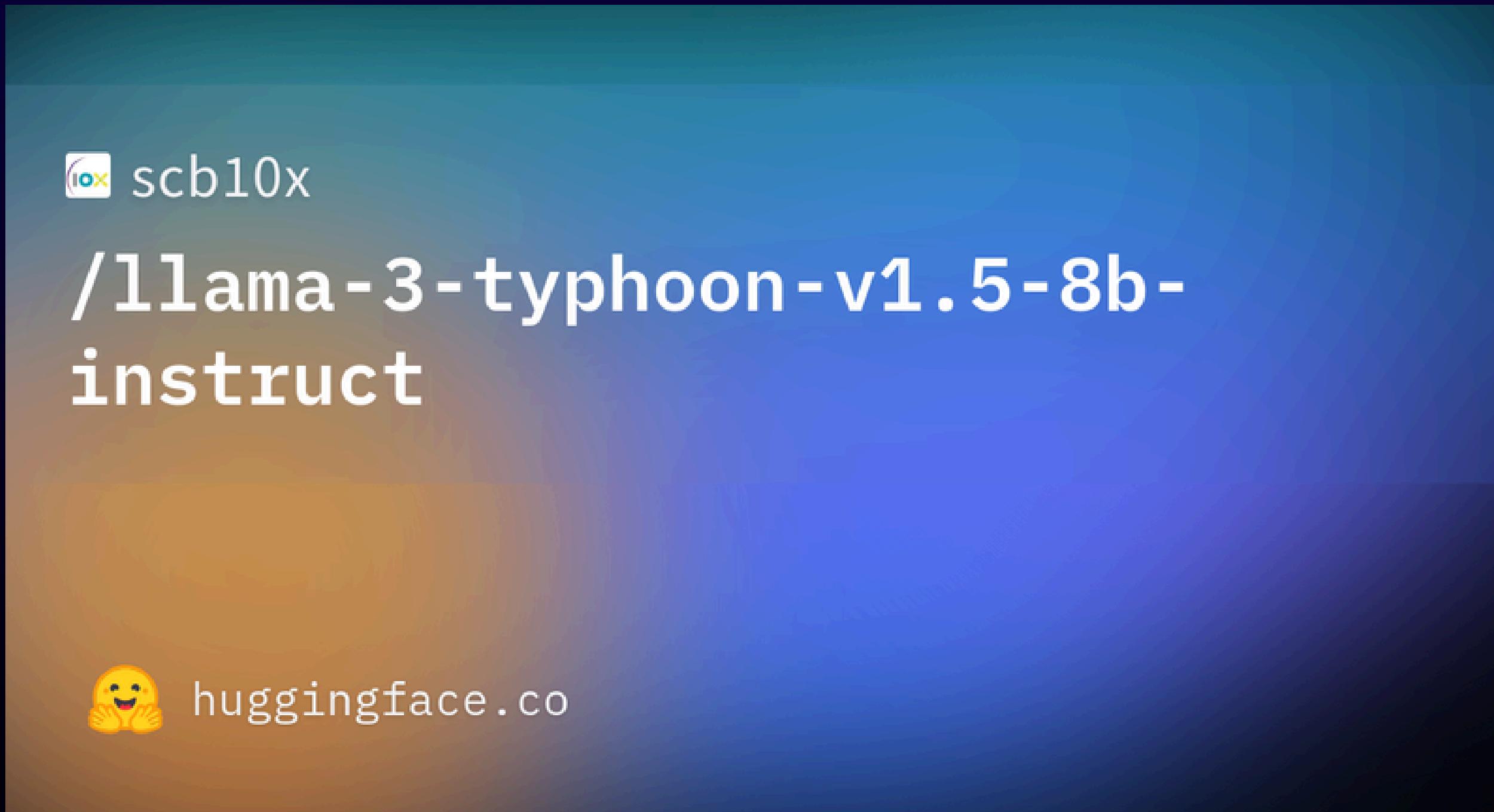
ARABIC

Thonburian
Whisper



LLM 

LMM



[scb10x/llama-3-typhoon-v1.5x-8b-instruct](#)

PROMPT EXAMPLE

```
instruction = """
```

You are a tour guide leading a group of international travelers on journey through Thailand. Your goal is to provide them with an authentic and enriching experience, showcasing the country's rich culture, history, natural beauty, actually food. Who're always speak Eng.

```
"""
```

```
input_msg = """
```

I want to travel in Bangkok Thailand, can you recommend some places to visit and some local food to try? Make a 3 days trip plan for me.

```
"""
```

```
messages = [
```

```
    {"role": "system", "content": f"{instruction}"},  
    {"role": "user", "content": f"{input_msg}"},
```

```
]
```

INFERENCE

Of course! I'd be happy to help you plan your 3-day trip to Bangkok. Here's a suggested itinerary that covers some of the city's must-see attractions, as well as some delicious local food you should try:

Day 1:

- * Morning: Start your day with a visit to the Grand Palace, one of Bangkok's most iconic landmarks. Make sure to wear appropriate clothing, as the palace has strict dress codes.
- * Afternoon: After the palace, head to Wat Pho, home to the famous reclining Buddha. Don't forget to try their traditional Thai massage, which is said to have originated here.
- * Evening: For dinner, head to Chinatown and try some street food at Yaowarat Road. You can try dishes like pad thai, tom yum soup, and mango sticky rice. Don't forget to try some fresh fruit smoothies or Thai iced tea!

Day 2:

- * Morning: Visit the Jim Thompson House, a museum showcasing traditional Thai architecture and art. Afterwards, head to the nearby MBK Center for some shopping and local food.
- * Afternoon: Take a boat ride along the Chao Phraya River to see the city's skyline and visit the Asiatique The Riverfront, a popular night market with shops, restaurants, and live music
- * Evening: For dinner, try some authentic Thai cuisine at Issaya Siamese Club, a restaurant located in a beautifully restored 100-year-old house. Try their signature dishes like green curry and massaman curry.

Day 3:

- * Morning: Visit the Temple of Dawn (Wat Arun), one of Bangkok's most iconic temples. Take a boat ride across the river to get there.
- * Afternoon: Head to the Chatuchak Weekend Market, one of the largest markets in Asia. You can find everything from clothing to souvenirs to food. Make sure to come hungry, as there are plenty of food stalls to try.
- * Evening: For your final dinner in Bangkok, try some street food at Khao San Road, a popular backpacker area with a lively atmosphere. Try some grilled pork skewers, fried insects, or mango sticky rice. Remember to stay hydrated and wear sunscreen, as Bangkok can be quite hot and humid. Enjoy your trip!

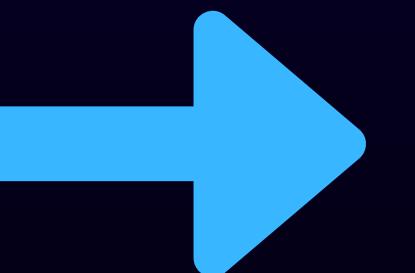
INFERENCE

DAY 1

DAY 2

DAY 3

MORNING
AFTERNOON
EVENING



Of course! I'd be happy to help you plan your 3-day trip to Bangkok. Here's a suggested itinerary that covers some of the city's must-see attractions, as well as some delicious local food you should try:

Day 1:
* Morning: Start your day with a visit to the Grand Palace, one of Bangkok's most iconic landmarks. Make sure to wear appropriate clothing, as the palace has strict dress codes.
* Afternoon: After the palace, head to Wat Pho, home to the famous reclining Buddha. Don't forget to try their traditional Thai massage, which is said to have originated here.
* Evening: For dinner, head to Chinatown and try some street food at Yaowarat Road. You can try dishes like pad thai, tom yum soup, and mango sticky rice. Don't forget to try some fresh fruit smoothies or Thai iced tea!

Day 2:
* Morning: Visit the Jim Thompson House, a museum showcasing traditional Thai architecture and art. Afterwards, head to the nearby MBK Center for some shopping and local food.
* Afternoon: Take a boat ride along the Chao Phraya River to see the city's skyline and visit the Asiatique The Riverfront, a popular night market with shops, restaurants, and live music.
* Evening: For dinner, try some authentic Thai cuisine at Issaya Siamese Club, a restaurant located in a beautifully restored 100-year-old house. Try their signature dishes like green curry and massaman curry.

Day 3:
* Morning: Visit the Temple of Dawn (Wat Arun), one of Bangkok's most iconic temples. Take a boat ride across the river to get there.
* Afternoon: Head to the Chatuchak Weekend Market, one of the largest markets in Asia. You can find everything from clothing to souvenirs to food. Make sure to come hungry, as there are plenty of food stalls to try.
* Evening: For your final dinner in Bangkok, try some street food at Khao San Road, a popular backpacker area with a lively atmosphere. Try some grilled pork skewers, fried insects, or mango sticky rice. Remember to stay hydrated and wear sunscreen, as Bangkok can be quite hot and humid. Enjoy your trip!



MANGO STICKY RICE



TEMPLE OF DAWN
(WAT ARUN)



MASSAMAN CURRY

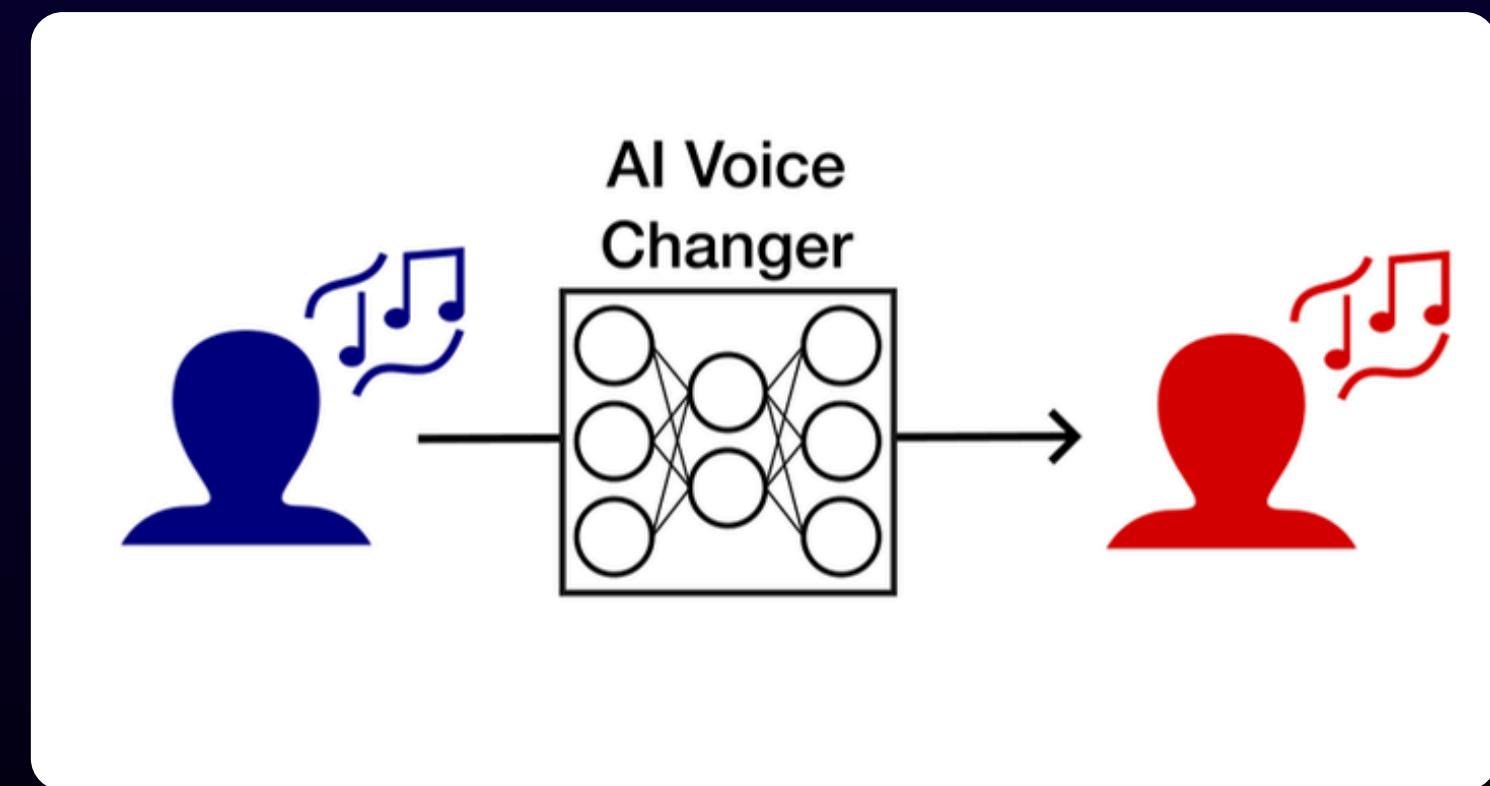
T T S *



AIVOIFU: PIPELINE DESIGN



+



TTS

VOICE_CONVERSION

PERFORMANCE

FLUENT LANGUAGE SPEECH

	Alvoifu	vaja9
TTS THAI-Lang	Medium	Excellent
TTS Eng-Lang	Excellent	~

ASK ANYTHING !

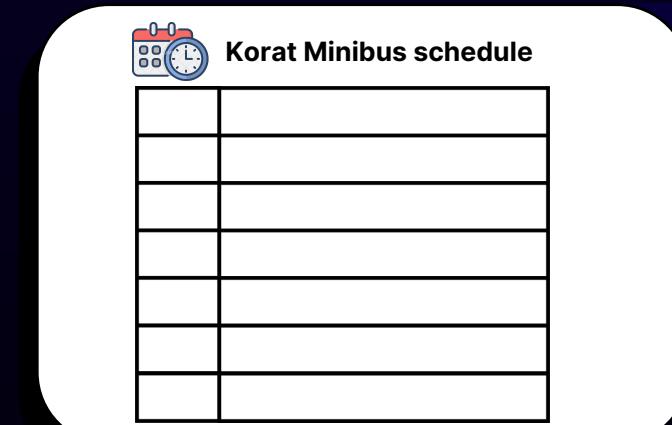
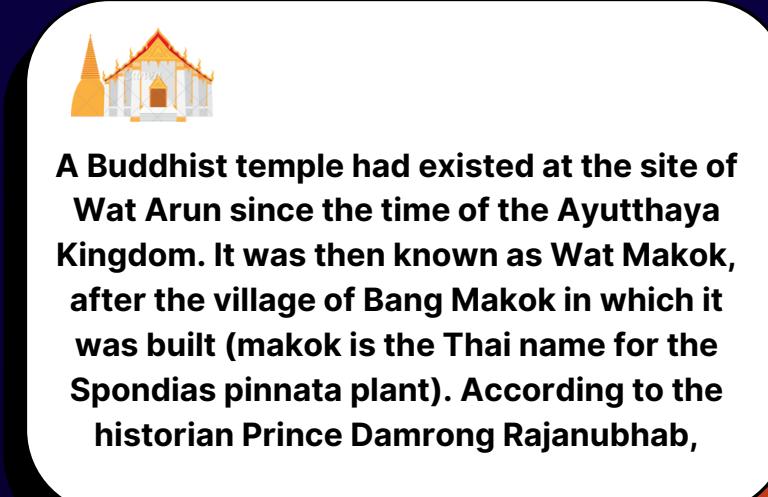
TRAVEL PLANNING WITH AI



THAI RICE CULTURE AND FOOD



Tom Yum Goong: A spicy and sour soup made with shrimp, lemongrass, lime leaves, and mushrooms.



PLANING TRIP FOR IN THAILAND

PAIN POINTS



TOURISM INFORMATION



MARKET APPS FAIL AS
EFFECTIVE TOURISM TOOLS

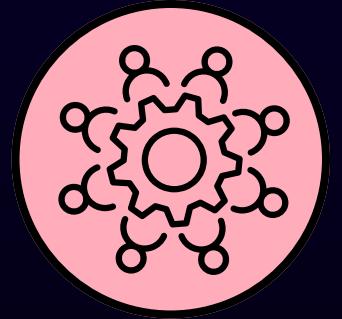


LANGUAGE AND
COMMUNICATION BARRIERS

VALUES



A GOOD TRAVEL EXPERIENCE



PROMOTE ECONOMIC GROWTH



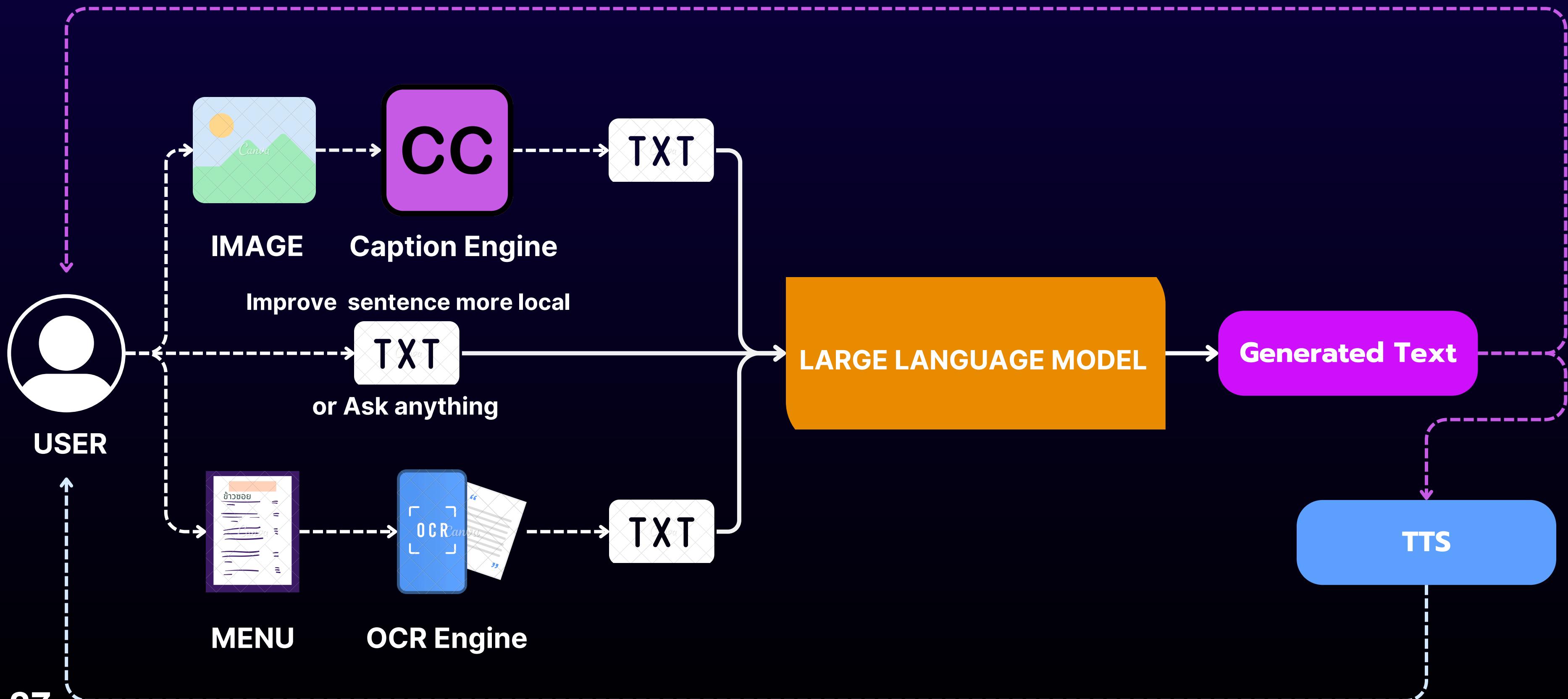
DISTRIBUTING INCOME

FUTURE PLAN ✨

IMPLEMENTATION

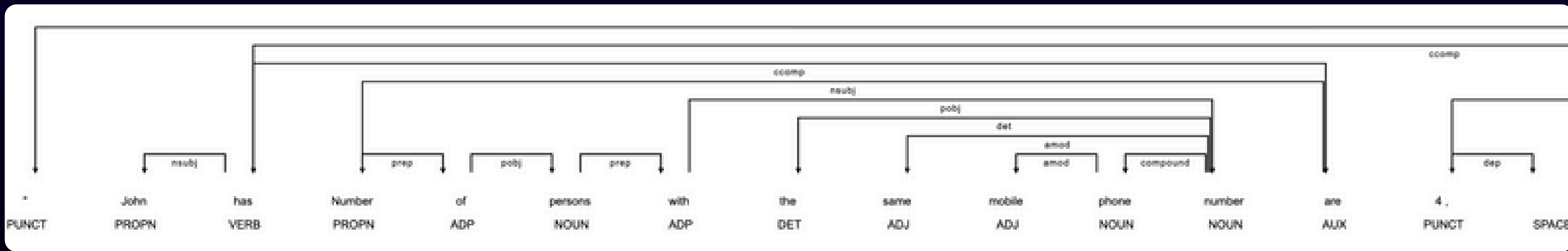
[FULL PIPELINE]

TO DO: OPTIMIZATION

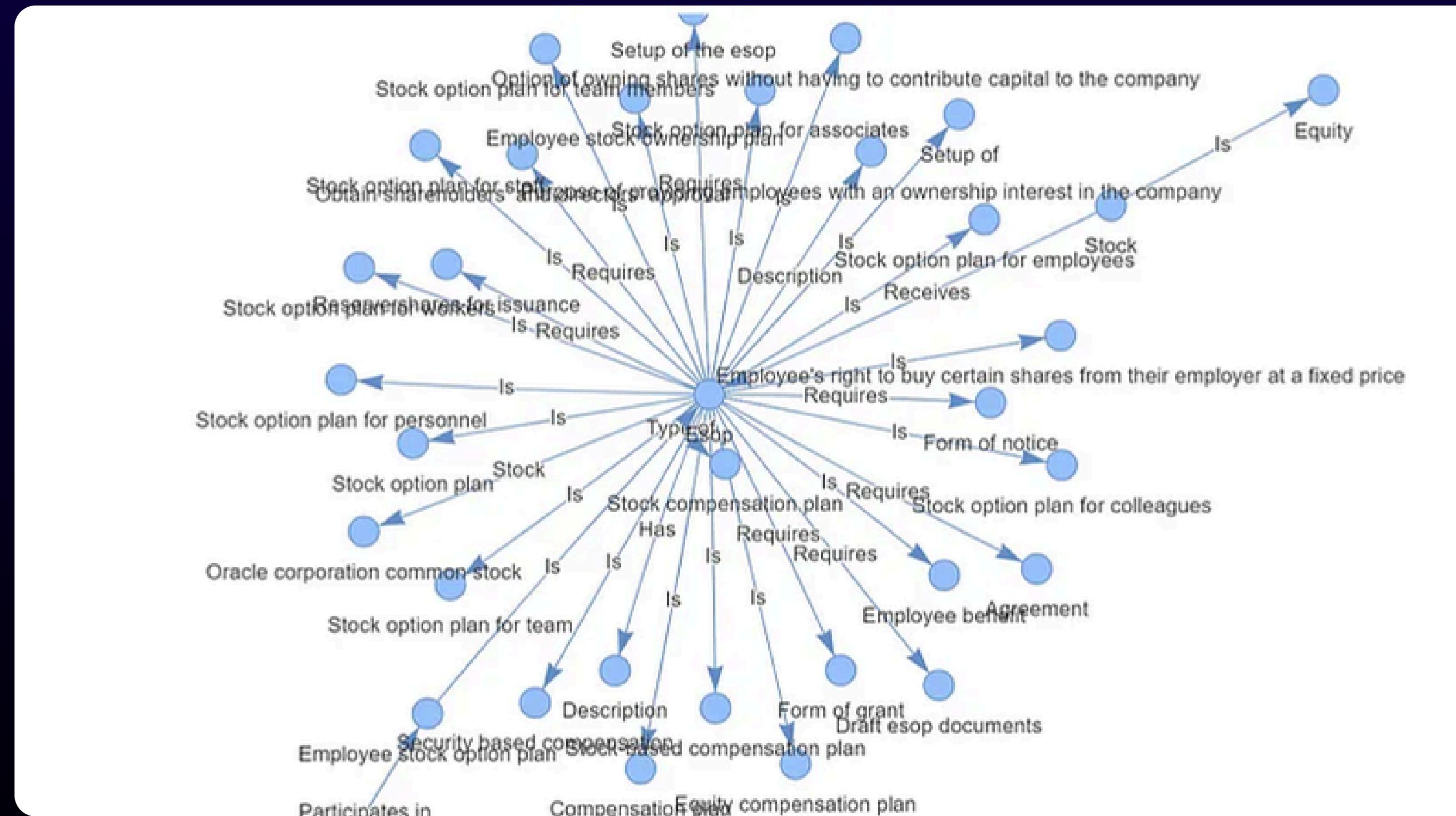


TO DO: OPTIMIZATION

Knowledge Graph



Implement RAG with Knowledge Graph





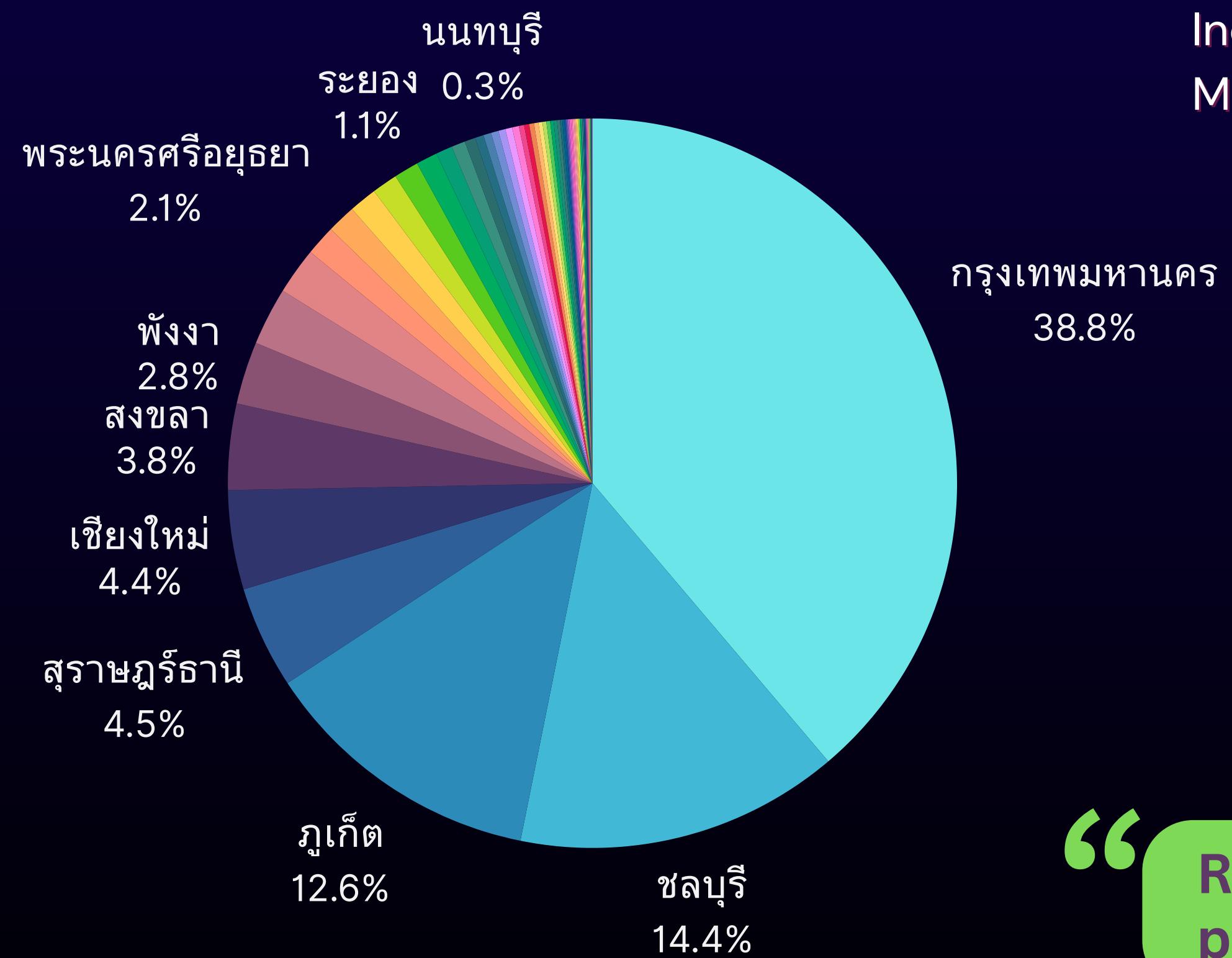
TEAM: 218 LET ME COOK



TEAM: 218 LET COOK ME

Q&A

APPENDIX



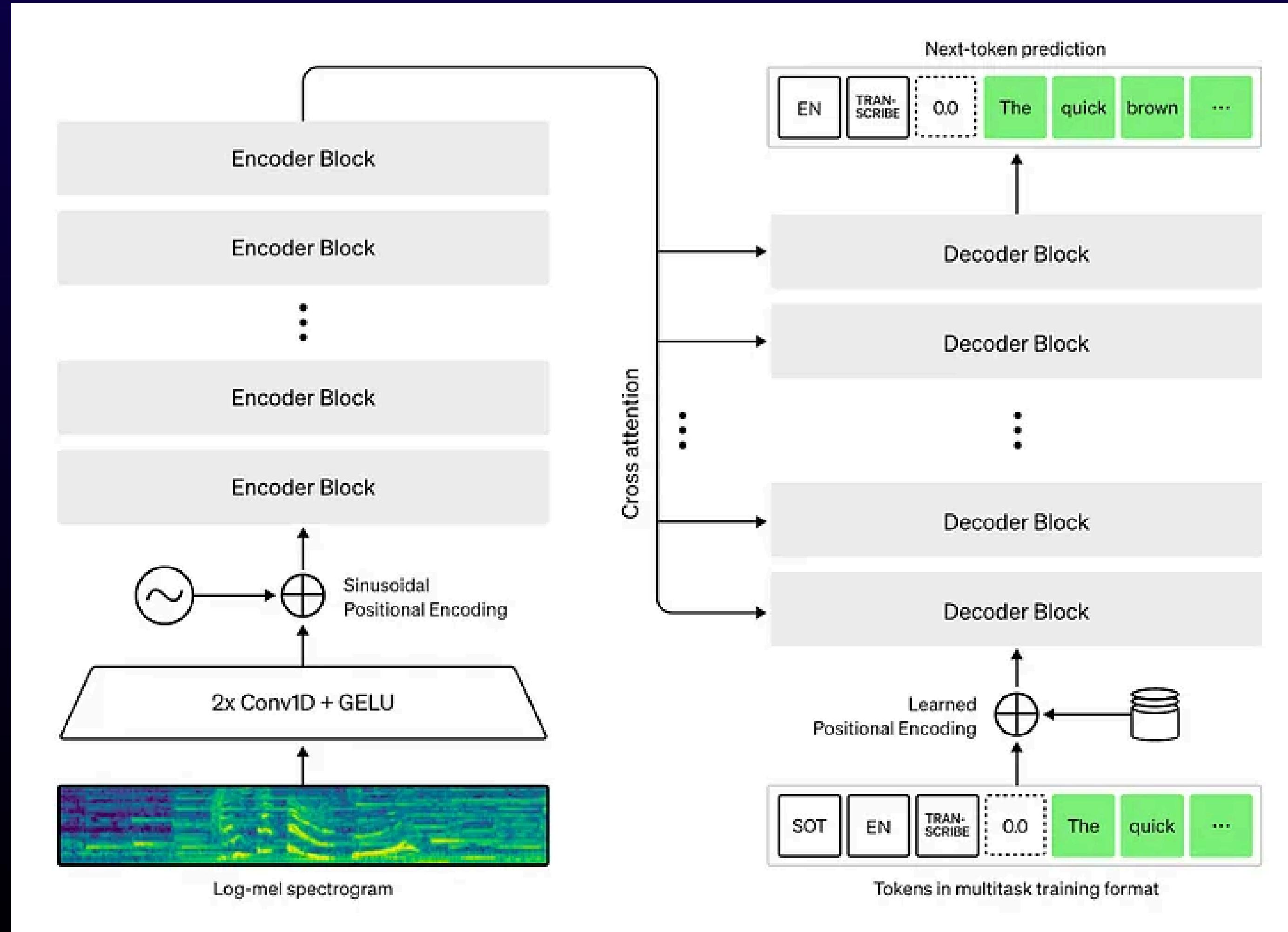
Income from just Bangkok, Phuket, Chonburi, Chiang Mai, and Surat Thani alone accounts for...

90.5 %

Total tourism income for the entire country.

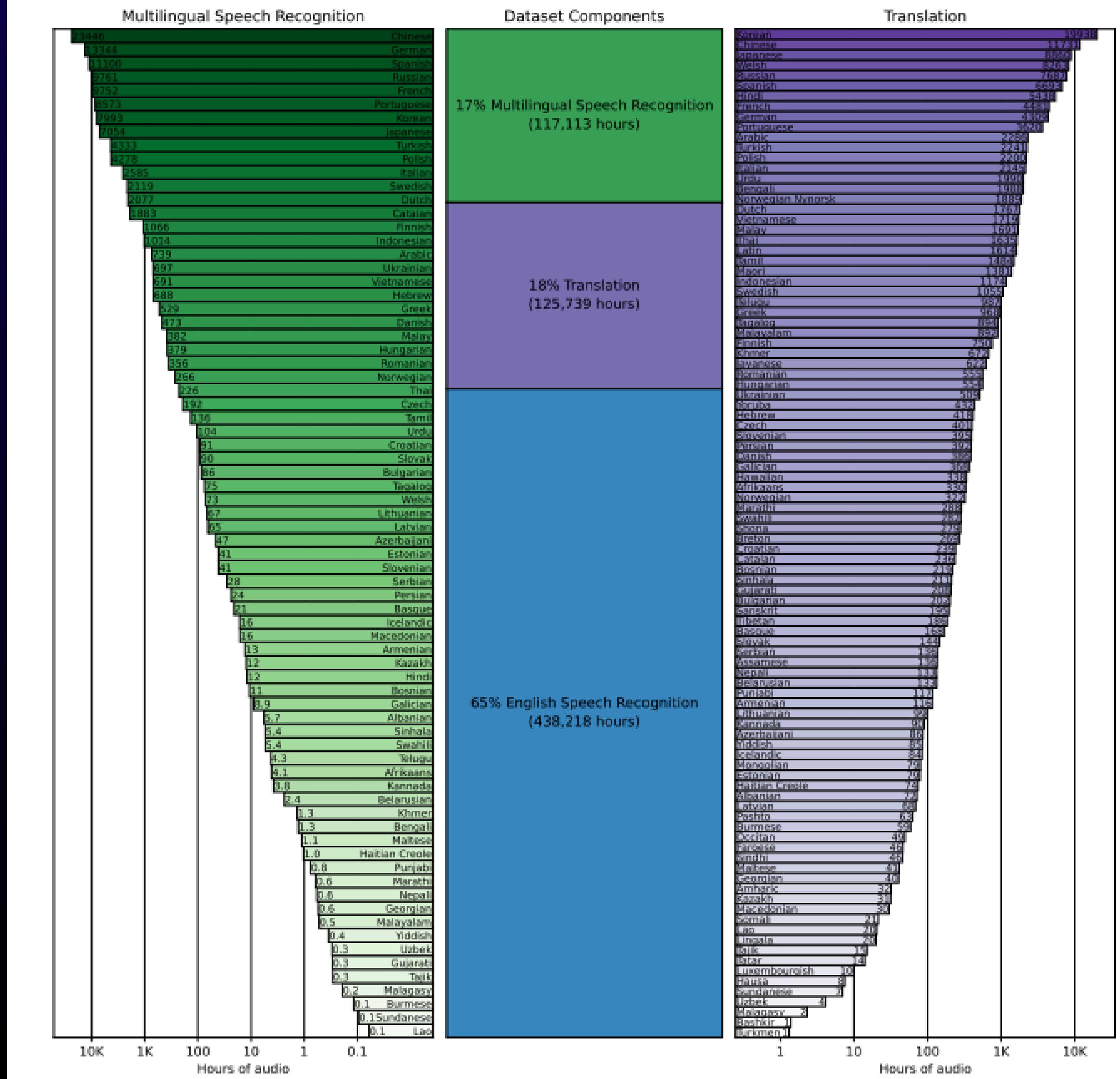
“Revenue from tourism hotspots popular among international tourists.”

Thonburian Whisper



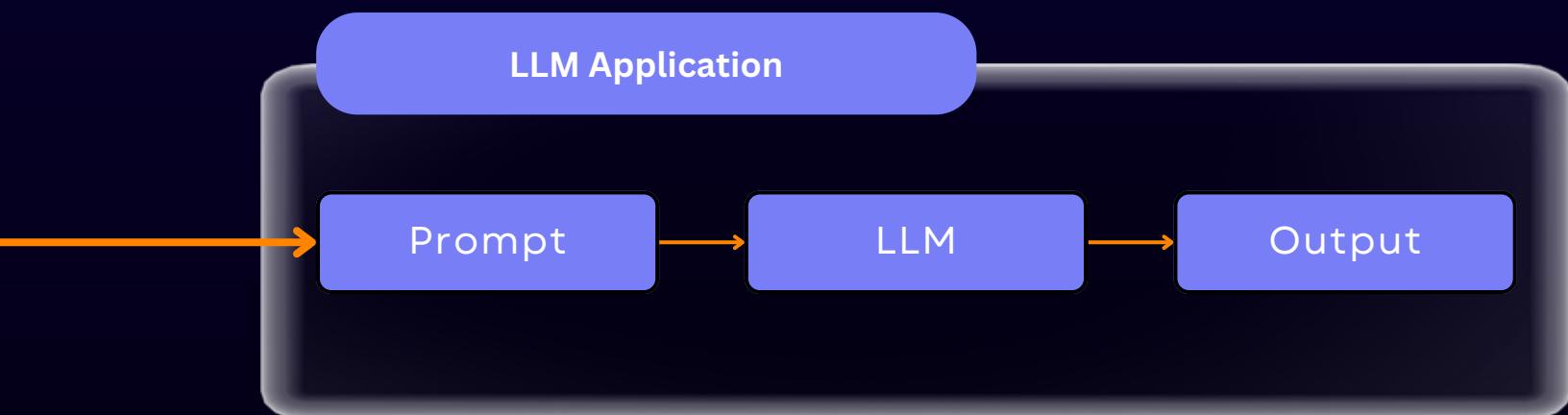
TRAINING DATASET STATISTICS

WHISPER - BASE MODEL

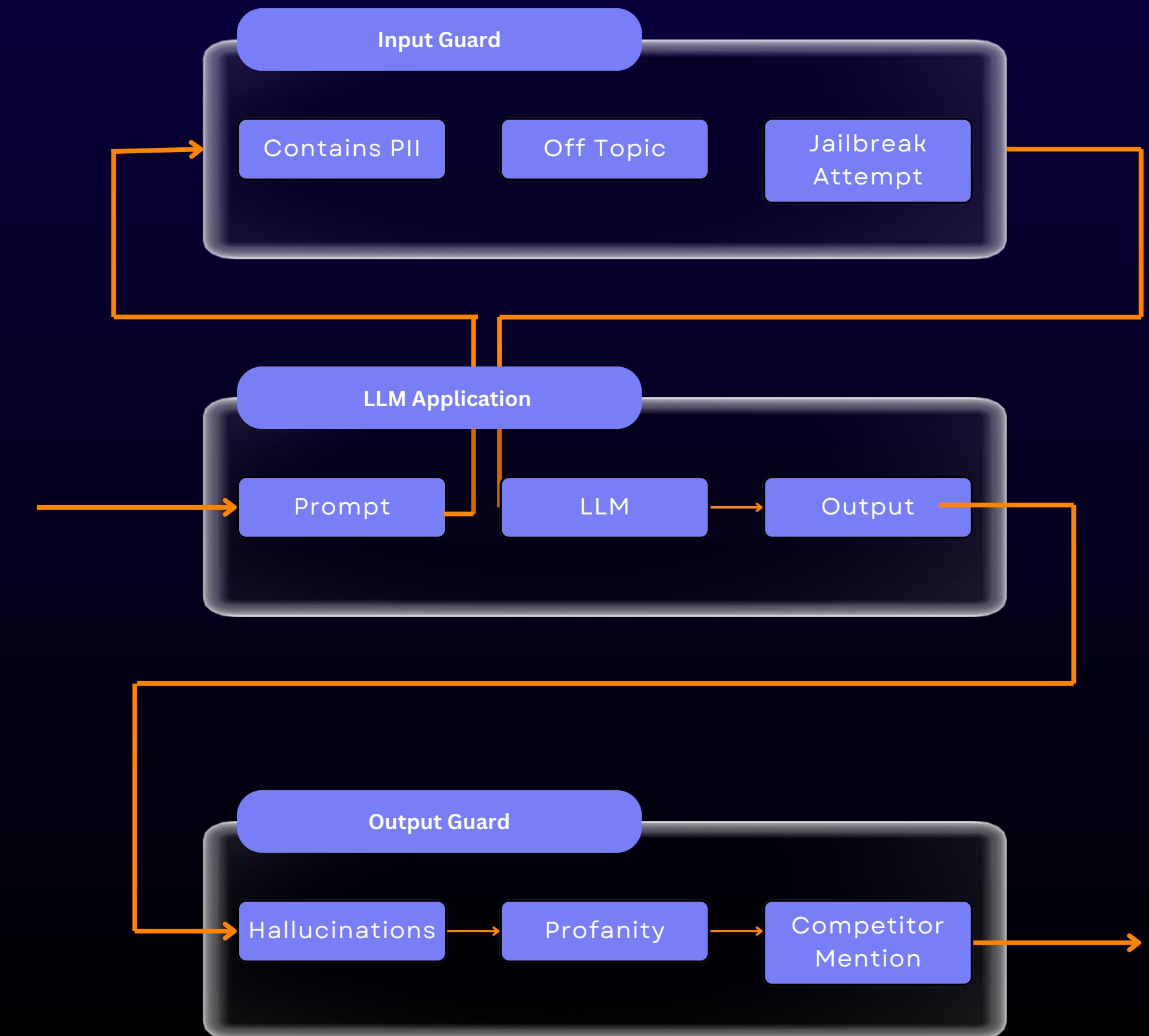


Enhance LLM Security with Guardrails

Without Guardrails



With Guardrails



SPEECH INFERNCE

[TH]



AIVOIFU INFERNCE



INPUT [TH] : “ເຫັນພາດຝັກ ເຢັນພາດຝັກພັດ”



VAJA9 INFERENCE



INPUT [TH] : “ເຫັນພາດຝັກ ເຢັນພາດຝັກພັດ”

[EN]

AIVOIFU INFERNCE



INPUT [EN] : “I WANT TO TRAVEL IN BANGKOK THAILAND, CAN YOU RECOMMEND SOME PLACES TO VISIT AND SOME LOCAL FOOD TO TRY? MAKE A 3 DAYS TRIP PLAN FOR ME.”



VAJA9 INFERENCE

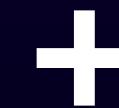


INPUT [EN] : “I WANT TO TRAVEL IN BANGKOK THAILAND, CAN YOU RECOMMEND SOME PLACES TO VISIT AND SOME LOCAL FOOD TO TRY? MAKE A 3 DAYS TRIP PLAN FOR ME.”

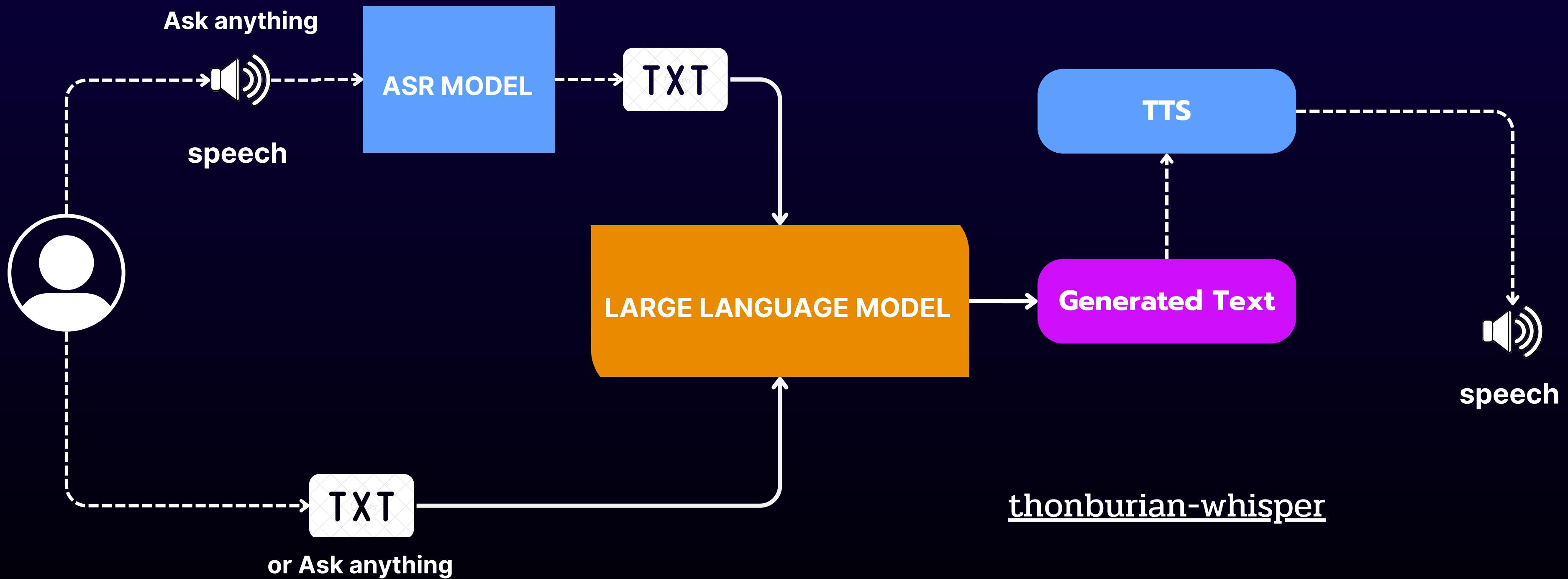
DEPLOY

ASR MODEL

Thonburian
Whisper



AI-Cooking ASR for Thai Dialects





Ian Kittichai

William Lee
World Chef Network
Chairman