

# YORUBA IMAGE SYNTHESIS - MULTI-MODAL FUSION

BENIN MULTI MODAL  
HACKATHON

## 01 - PROBLEM

Scarcity of Youroba language translation model

## 02 - APPROACH

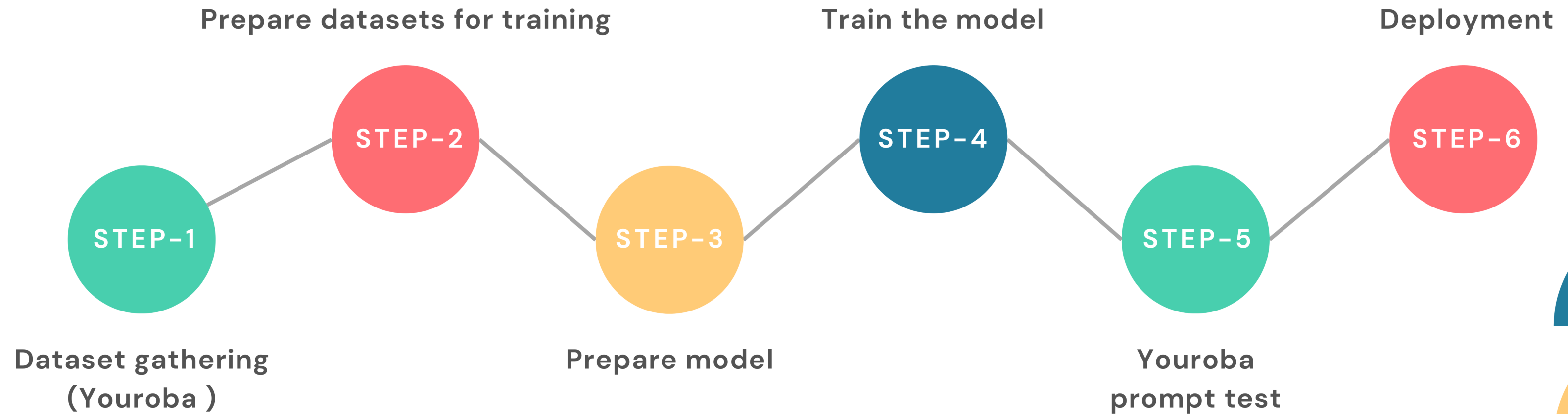
Create and train a custom ML model on Youroba language with over 85% accuracy.

## 03 - SOLUTION

A website that can take text in Youroba and generate images in an instant.



# HOW DID WE DO IT?



# SAMPLE OF DATA GATHERED FROM ONLINE SOURCES

B	C
yor	eng
Wo aworan ode oni lakoko laarin ise	Watch modern art during in the midst of action
Safihan ise ona ode oni ti n se ifihan ni ipinya ti o ni irora	Show modern art featuring in serene isolation
Wo awon ilu ojo iwaju ti yika nipase laaye pelu awo	View futuristic cities surrounded by alive with color
Ni iriri awon ayipada akoko nigba didan pelu lwooorun	Experience seasonal changes during glowing with sunset
Awon itopa igbo fotoyiya pelu wiwo ti laarin ise	Photograph forest trails with a view of in the midst of action
Wo aworan ode oni ni okan ti iwoyi pelu erin	Watch modern art in the heart of echoing with laughter
Se apejuwe awon eranko nla lodi si ehin ti ariwo pelu ise sise	Depict exotic animals against the backdrop of bustling with activity
Se afihan awon iwoye ilu ti o ti koja akoko pelu wiwo ti we ni imole osupa	Show time-lapse cityscapes with a view of bathed in moonlight
Se afihan awon iwoye itan lakoko ni ipinya ti o ni irora	Present historical scenes during in serene isolation
Sajo aworan ode oni pelu wiwo ti didan pelu lwooorun	Compose modern art with a view of glowing with sunset

# YORUBA IMAGE GENERATION

Yaworan awon ala-ile igberiko ti n wo laaye pelu awi

Generate

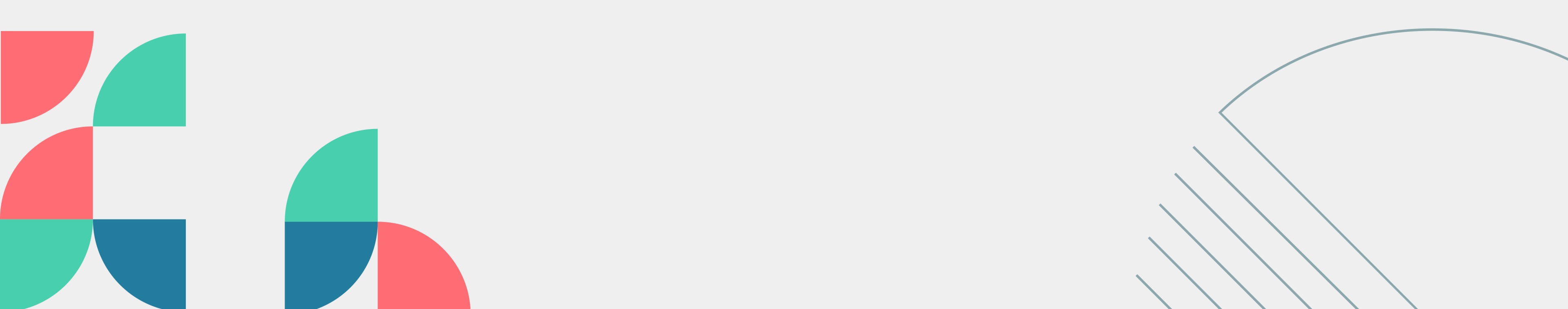




The top-left corner features a series of thin, parallel diagonal lines in a light blue-grey color. The top-right corner contains several overlapping semi-circular shapes in yellow, teal, and dark blue. The word 

# SUMMARY

Explore the fusion of Yoruba language prompts and image generation, empowering native expression in a groundbreaking multi-modal experience.

The bottom-left corner features a cluster of overlapping semi-circular shapes in red, teal, and dark blue. The bottom-right corner contains a series of thin, parallel diagonal lines in a light blue-grey color, similar to the top-left corner.

The background features decorative geometric patterns in the corners. The top-left corner has a series of thin, parallel diagonal lines. The top-right corner contains a cluster of overlapping semi-circles in yellow, red, teal, and blue. The bottom-left corner also features overlapping semi-circles in red, teal, and blue. The bottom-right corner has a large, faint semi-circle outline with several thin diagonal lines inside it.

**THANK YOU,  
LET'S JUMP  
TO DEMO**