

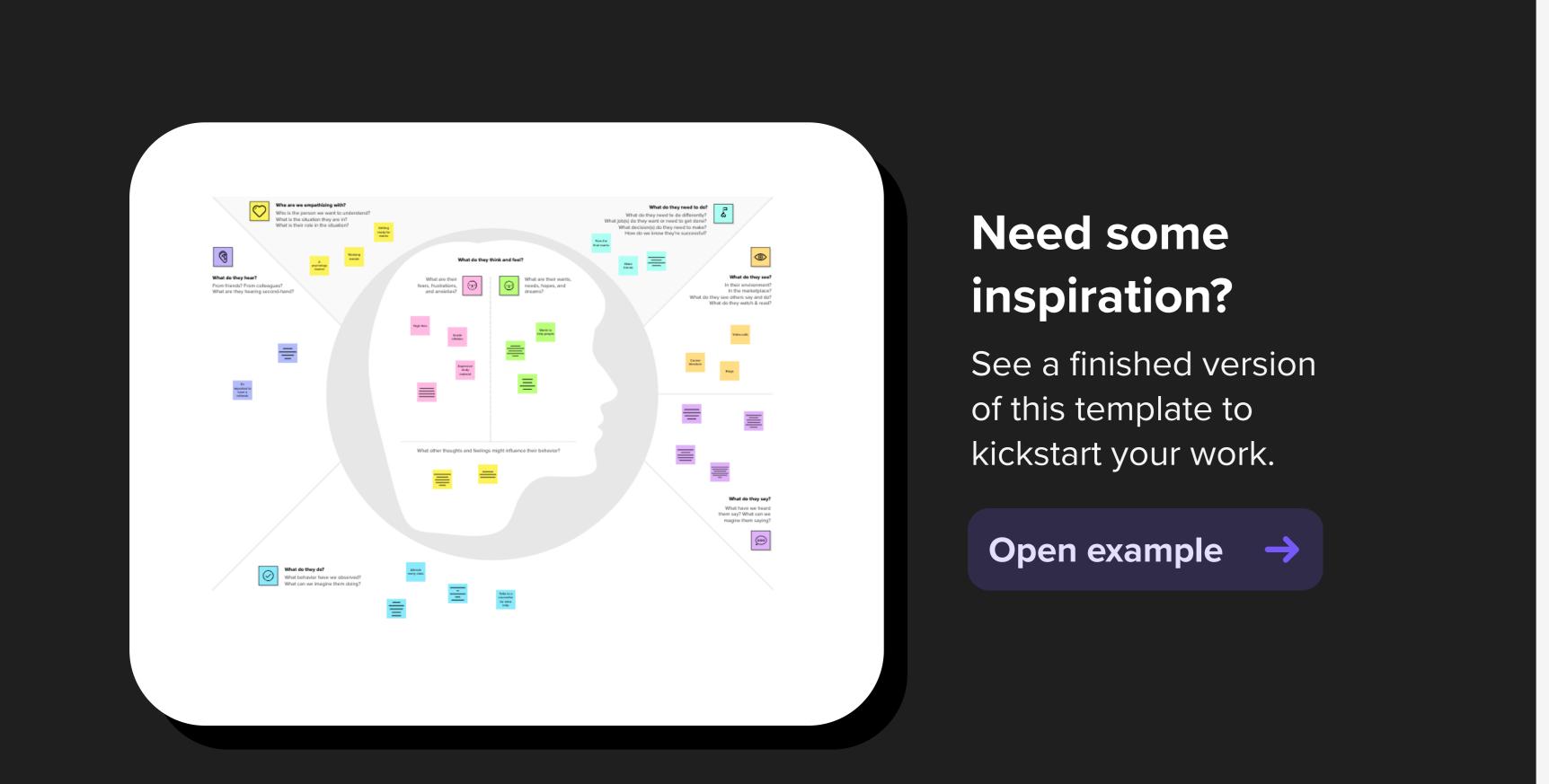
Empathy map canvas

Jungle Detectives: Al-Powered Image Classification of Wild Big Cats

Originally created by Dave Gray at



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Jungle Detectives: Al-Powered Image Classification of Wild Big Cats

The "10 Big Cats of the Wild - Image Classification" is an advanced machine learning model that accurately identifies and classifies ten different big cat species based on their images. Using deep learning algorithms and extensive training data, the system distinguishes unique features of species like Bengal tigers, snow leopards, and African lions. It benefits conservationists, researchers, and enthusiasts by aiding in the preservation and understanding of these majestic animals in their natural habitats.



the need for stricter

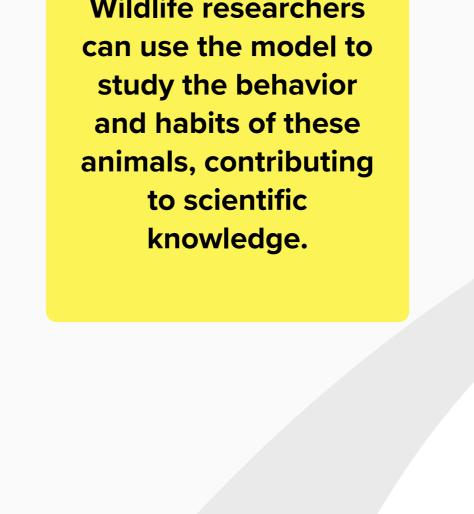
wildlife protection

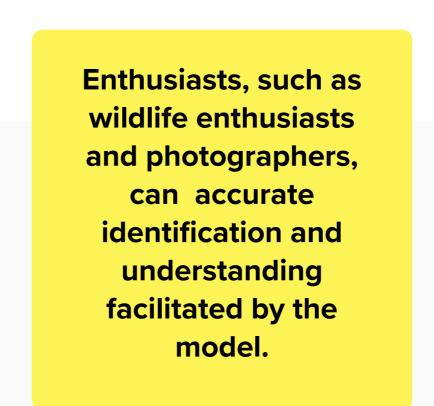
policies and

increased funding

for conservation

initiatives





PAINS

potentially

overlooking

traditional methods

and experiential

knowledge in wildlife

conservation efforts.

Concerns

about privacy

and disturbing

natural

habitats.

What are their fears,

conservation efforts

or research

conclusions

trends

What are their wants,

needs, hopes, and dreams?

preservation of

big cat species

for future

generations

GAINS

Users want the

model to be highly

accurate in

identifying big cat

species to support

precise conservation

efforts and research.

Access to a diverse

and high-quality

dataset that

represents various

species, ages, and

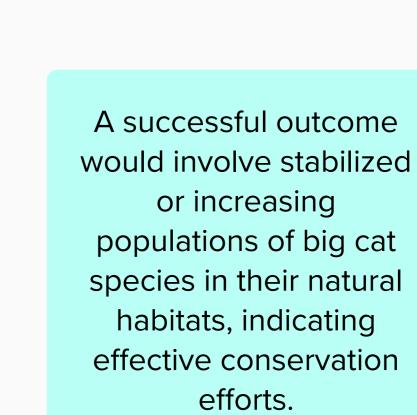
environmental

conditions

They need to monitor big cat species, understand their behaviors, and track population

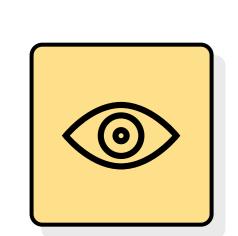
What do they need to DO?

What do they need to do differently? What job(s) do they want or need to get done? What decision(s) do they need to make? How will we know they were successful?



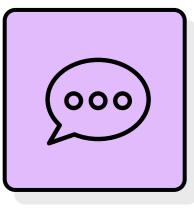
They observe technological advancements, especially in AI and machine learning, sparking hope for innovative conservation solutions.

the challenges faced by big cats in their natural habitats and the dynamics of interactions with local communities, shaping their conservation strategies.



What do they SEE?

What do they see in the marketplace? What do they see in their immediate environment? What do they see others saying and doing? What are they watching and reading?



What do they SAY?

What have we heard them say? What can we magine them saying?

deeply concerned about the declining populations of big cat species

> a future where big cat populations are thriving, and humans coexist harmoniously

animals, especially big cats, can drive users to actively engage in conservation efforts and utilize advanced technologies to protect these species.

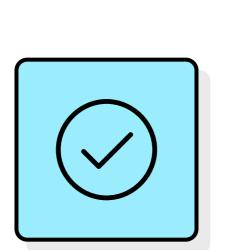
A deep love for

Users may feel a strong sense of urgency and concern for the declining populations of big cat species. This concern motivates them to seek innovative solutions, such as the image classification model, to aid conservation initiatives.

What other thoughts and feelings might influence their behavior?

GOAL

What do they THINK and FEEL?



latest research findings,

discussing new

discoveries about big

cat behavior, ecology,

and conservation

strategies.

What do they DO?

What do they do today? What behavior have we observed? What can we imagine them doing?

They conduct field research to monitor big cat populations, track their movements, and study their behavior and habitats.

They have been technologies, such as Al-based image recognition tools, integrating them into their research and conservation projects.

We can envision them collaborating on a global scale, forming international alliances to issues and share knowledge for the conservation of big cat species worldwide.

