



AI is revolutionizing wildlife conservation by enabling real-time tracking of endangered species with GPS collars and drones that detect poaching activities. Machine learning analyzes data from camera traps and audio recordings, helping researchers assess biodiversity and make informed habitat protection decisions. By leveraging AI, we can better safeguard wildlife and strengthen our connection to nature in the fight for conservation.

Brainstorm:

1. Smart Tracking Devices
2. AI in Anti-Poaching Efforts
3. Predictive Analytics for Habitat Protection
4. Community Engagement with AI Tools
5. AI for Biodiversity Monitoring

Videos:

 [How AI can help to save endangered species#ai #animals #zoo](#)

 [Using AI to protect wild animals in Africa](#)

Articles:

Bansal, S., & Pati, D. (2020). Artificial intelligence for wildlife conservation: Applications and challenges. *Conservation Biology*, 34(6), 1460-1471.

Ghazali, S., & Mamat, A. (2021). The role of artificial intelligence in wildlife conservation: A review. *Ecological Informatics*, 66, 101352.

Kauffman, M. J., & Baird, T. A. (2019). Using AI and machine learning to combat wildlife poaching: A case study. *Biological Conservation*, 238, 108234.

Lonsdorf, E. V., & McCarthy, K. (2020). Integrating artificial intelligence into wildlife conservation: Opportunities and challenges. *Frontiers in Ecology and the Environment*, 18(6), 317-325.

Lechner, A. M., & McAlpine, C. A. (2022). Artificial intelligence in conservation: A systematic review of applications and potential. *Conservation Science and Practice*, 4(7), e11642.