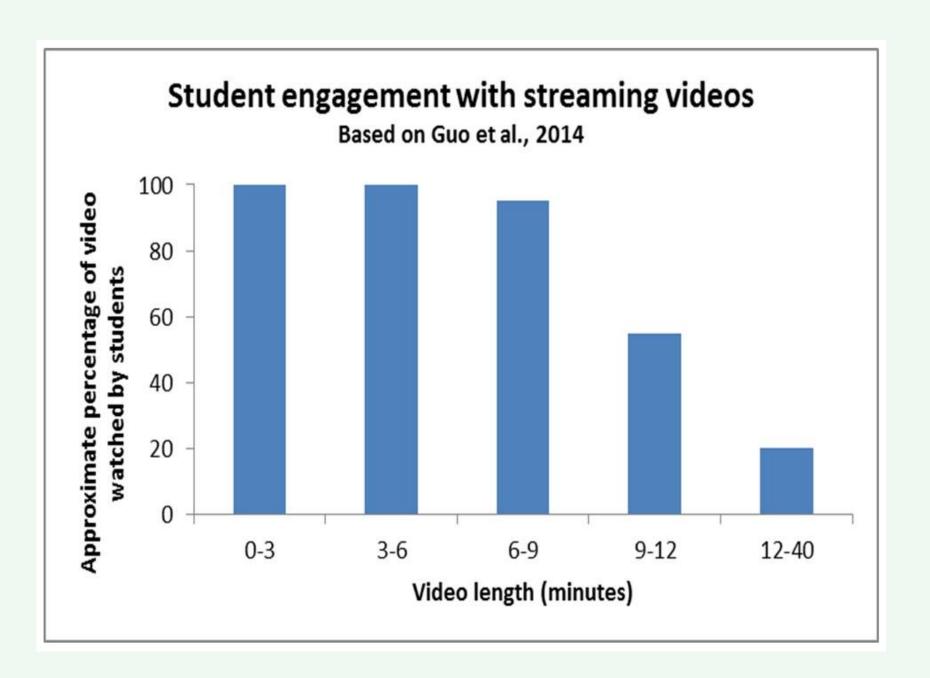
# Understanding the Challenge: Enhancing Learning through Al







#### Video Length vs Engagement

| 1 - 1:59 72%   2 - 2:59 71%   3 - 3:59 72%   4 - 4:59 66% | Video length<br>(minutes) | Video length |
|---|---------------------------|--------------|
| 3 - 3:59 72%  | 1 - 1:59                  | <b>72</b> %  |
|   | 2 - 2:59                  | <b>71</b> %  |
| 4 - 4:59 66%  | 3 - 3:59                  | 72%          |
|   | 4 - 4:59                  | 66%          |
| 5+ 60%  | 5+                        | 60%          |



# Embrace Al for enhanced online education experiences!



## Reimagining Education



**Traditional Methods** 

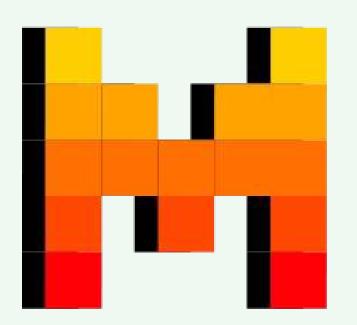
Traditional educational approaches are failing to keep up with the demands of modern learners.



Personalization and Accessibility

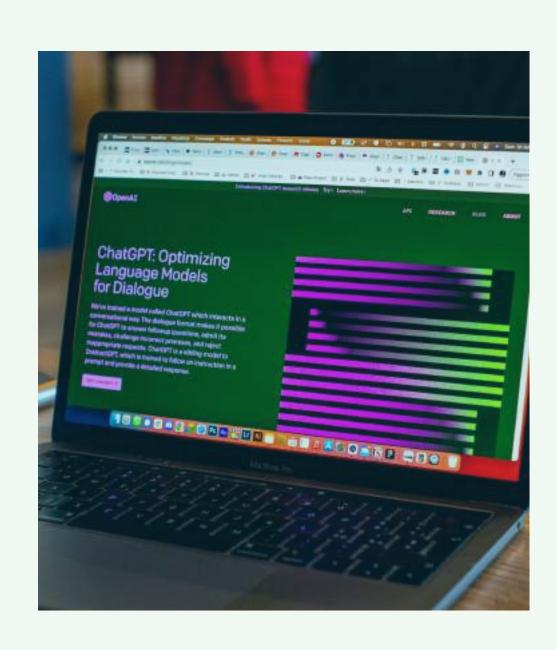
Al can revolutionize education by providing personalized learning experiences and increasing accessibility for all.

### **ANTHROP\C**



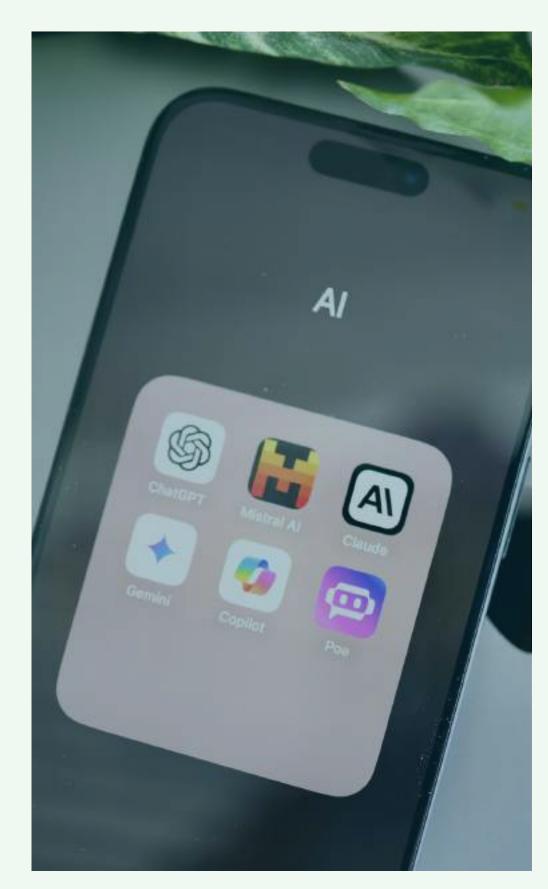
# MISTRAL

AI









# Ready to see how we can change the way we learn with AI?



# Solution Overview and Technologies



# Setting Up AWS EC2 for LLMs



# Project Summary & Enture Directions

# Scaling LLM Applications Post-Deployment



# Case Study 1: Successful Scaling Effort



# Case Study 2: Challenging Scaling Effort



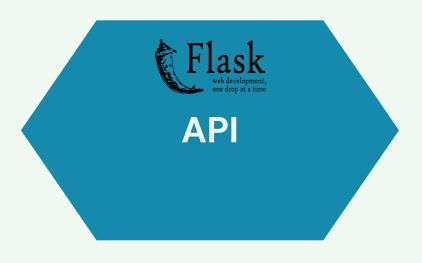
## **Security and Privacy Considerations**

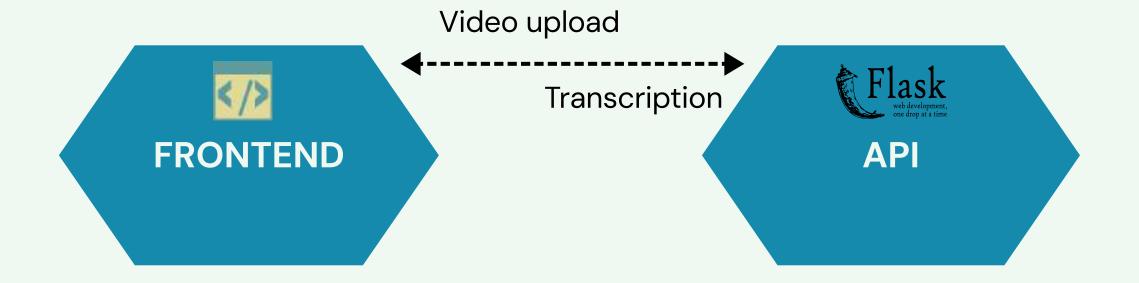




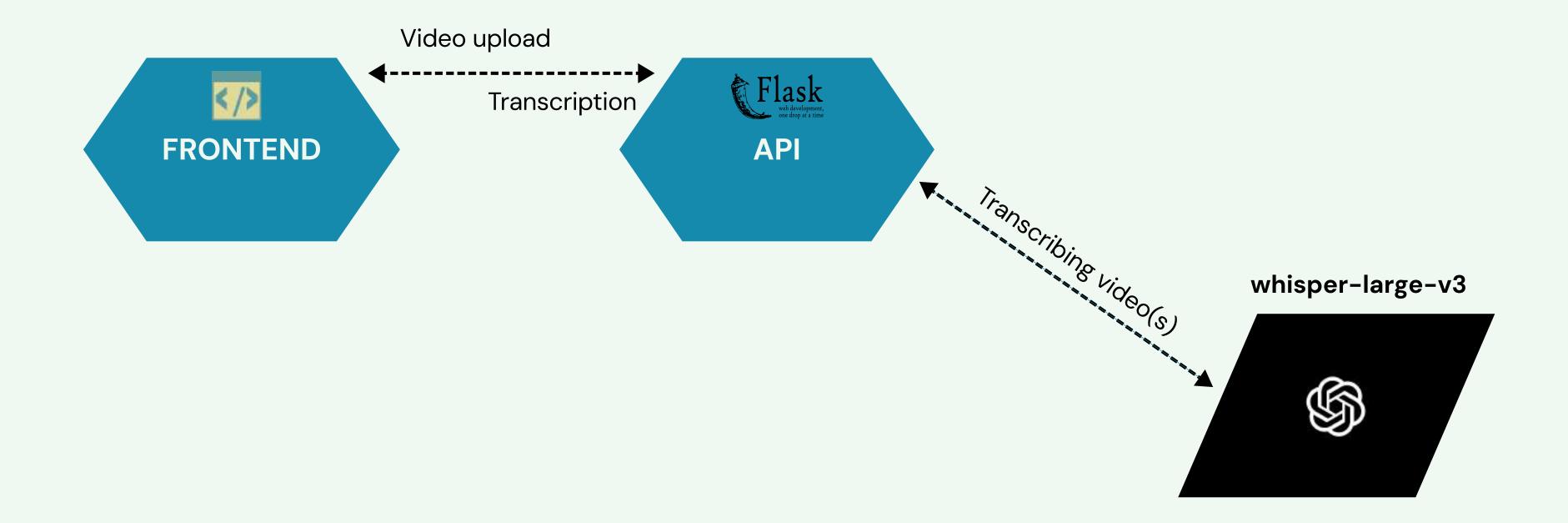


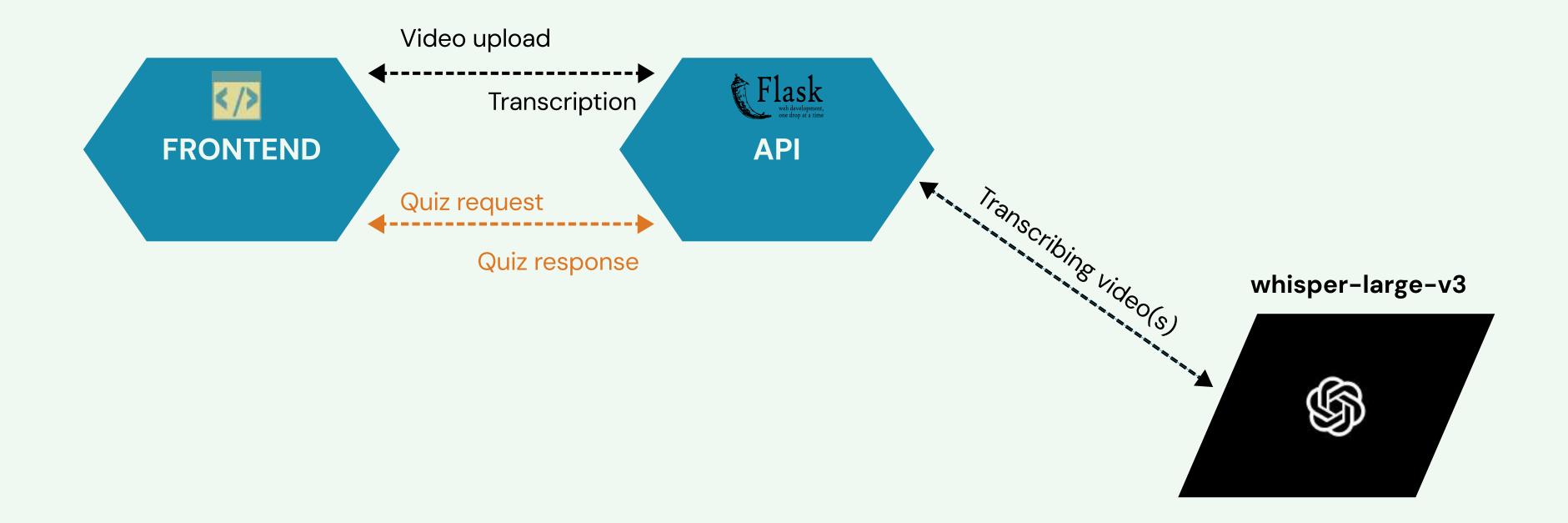




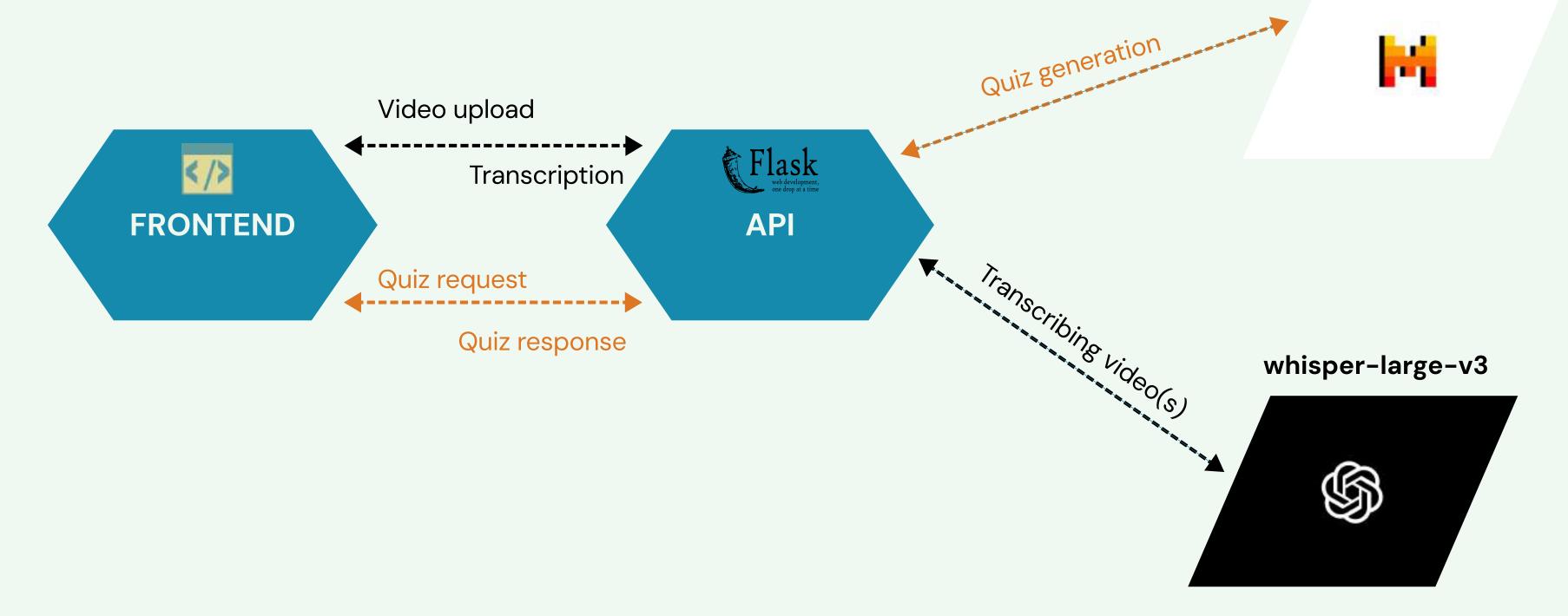




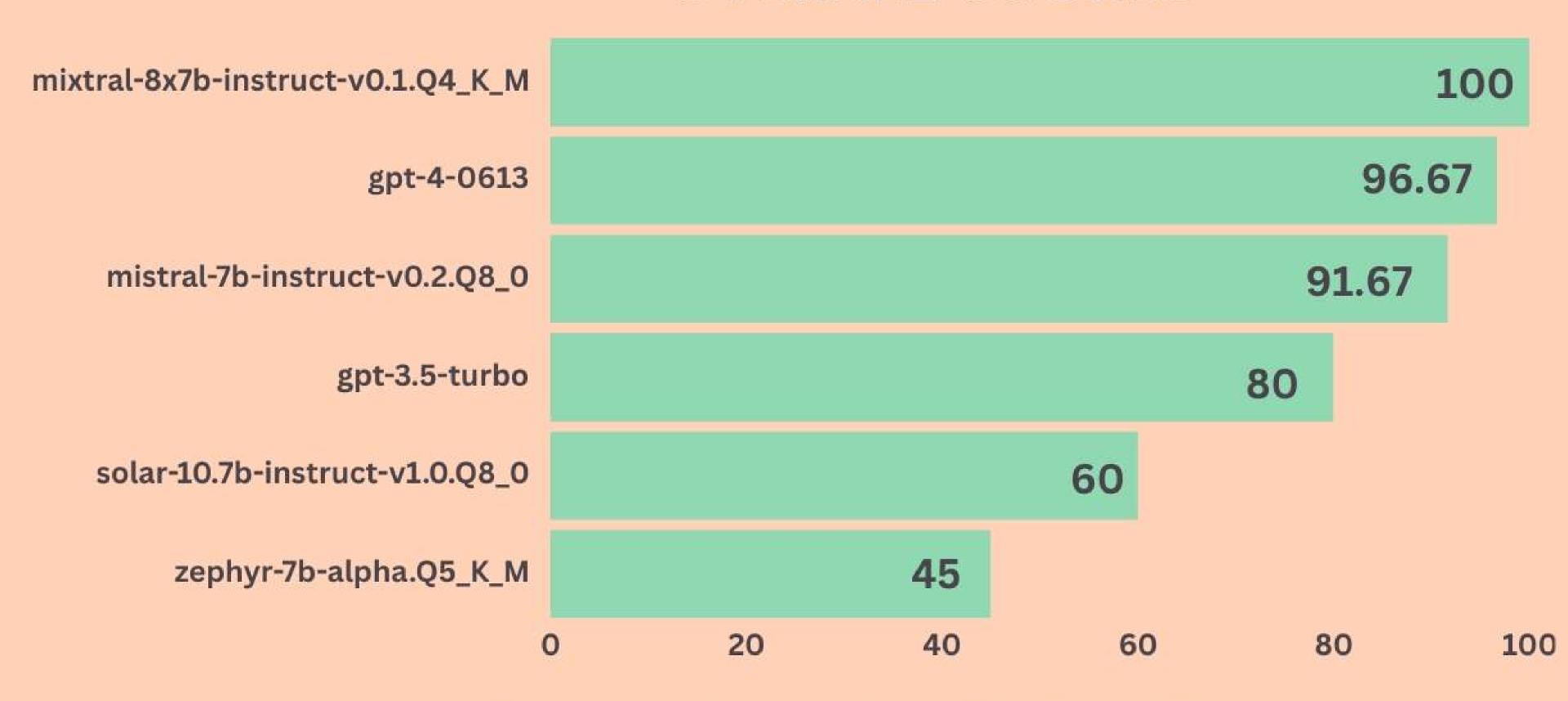




#### Mistral-7B-Instruct-v0.2

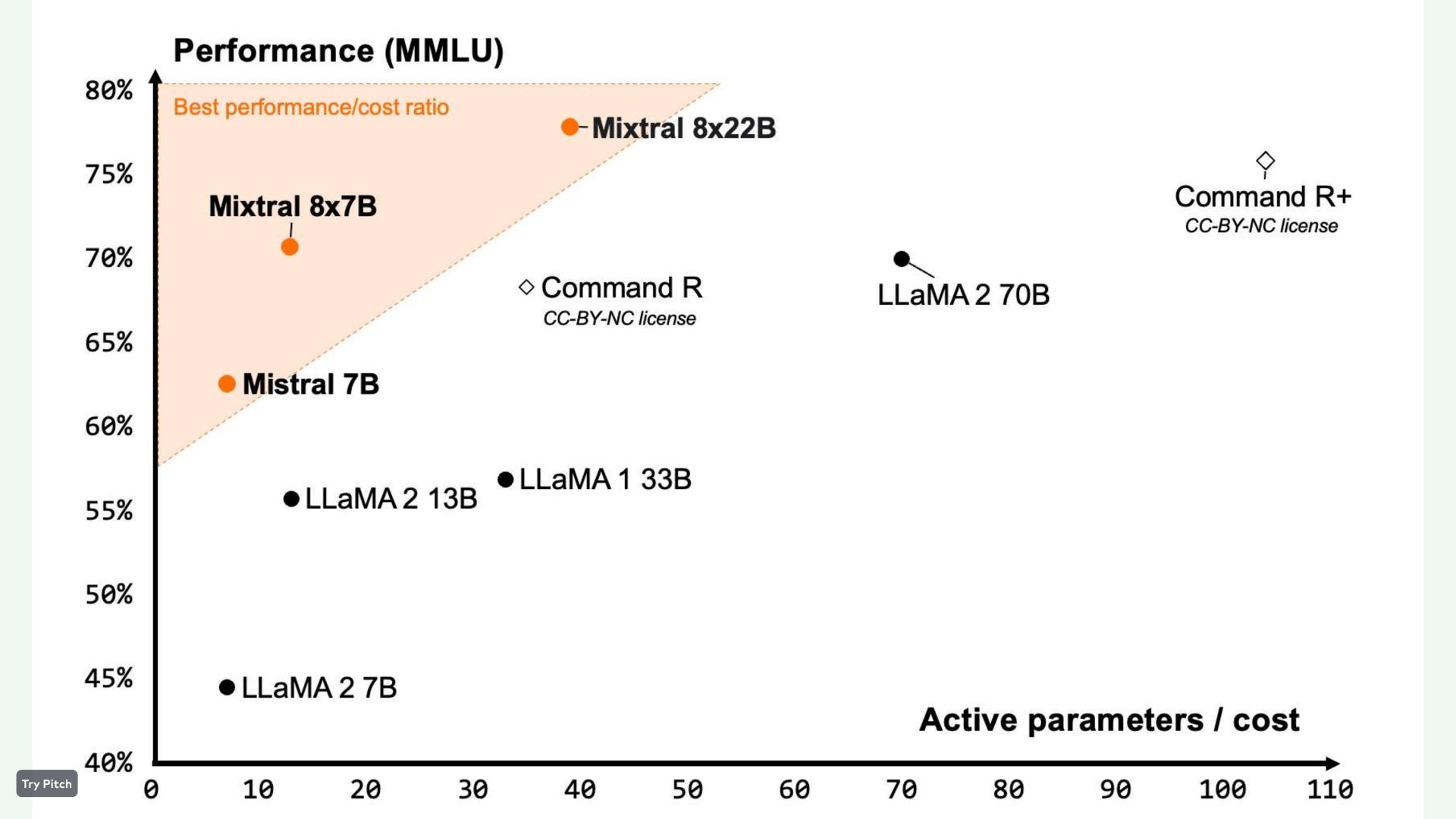


#### OVERALL SCORES



Total score based on accuracy in classifying 6 true and 6 false prompts, with final scores from the best of 5 attempts per prompt.







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