

This project explores two primary approaches to integrating game mechanics with AI:

- Mechanics Feedback:
   Anthropic's Claude Sonnet 3.5
   model was used to provide feedback on player mechanics during freeplay.
- Replay Prompt: OpenAl's 4o
   Assistant API was used for a
   replay prompt during replays.

#### **DribbleCoach: Mechanics Feedback**

#### • Description:

- Identifies and tracks the mechanical skill of ground and air dribbling.
- Offers simple suggestions on optimal timing, positioning, and ball control.

#### ToDo:

- Fine-tune air dribbling tracking.
- Provide flick feedback.



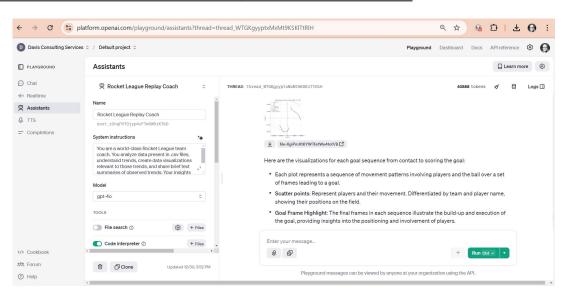
## ReplayAssistant: Replay Prompt

- Description: Extracts replay data and creates an OpenAl assistant prompt available on the current replay.
- Todo: Images, better rendering in prompt



## ReplayAssistant: OpenAl Assistants Playground

https://platform.openai.com/playground/assistants



## **Live Demonstration**

# Thank you!

<u>Source code for presentation</u> <u>https://github.com/scottleedavis/ai-portland-rocketleague/</u>

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