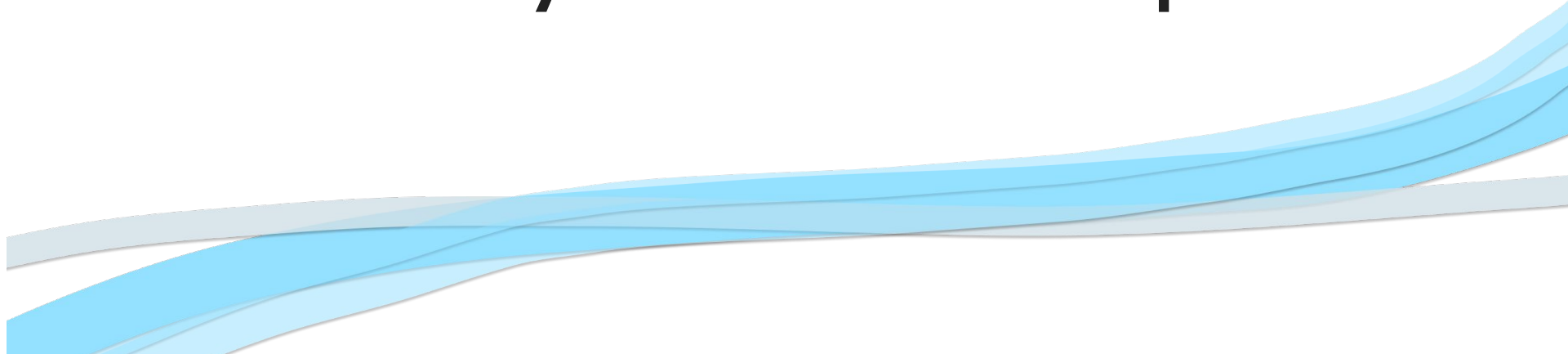# EyePop.ai

Hackathon 2023

Best use of EyePop.ai in a Third Party Plugin

What is EyePop.ai?

EyePop.ai

A **Self-Service AI Platform** designed to **make it easy** for people and businesses of all technical levels to **create apps** and **detailed analytics** based on **Perception AI**.
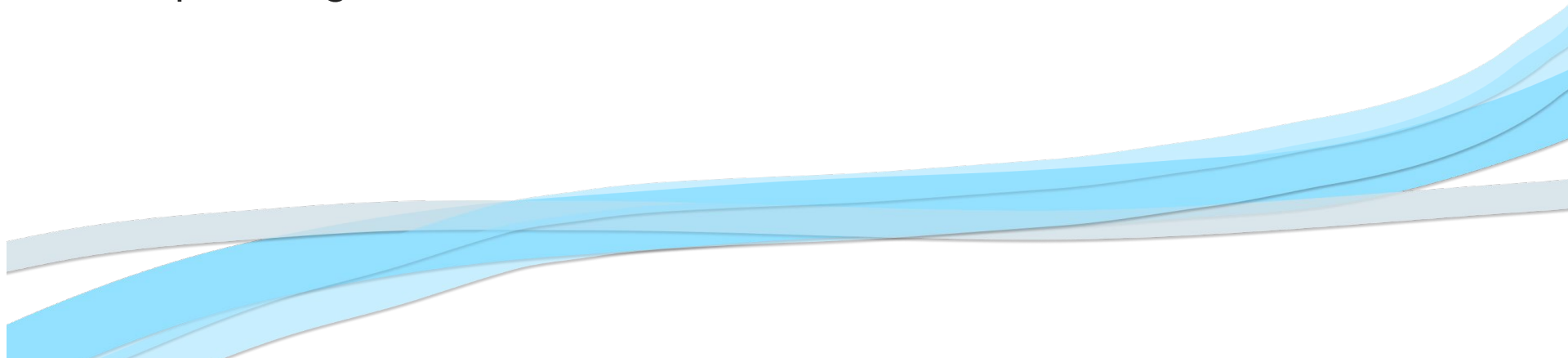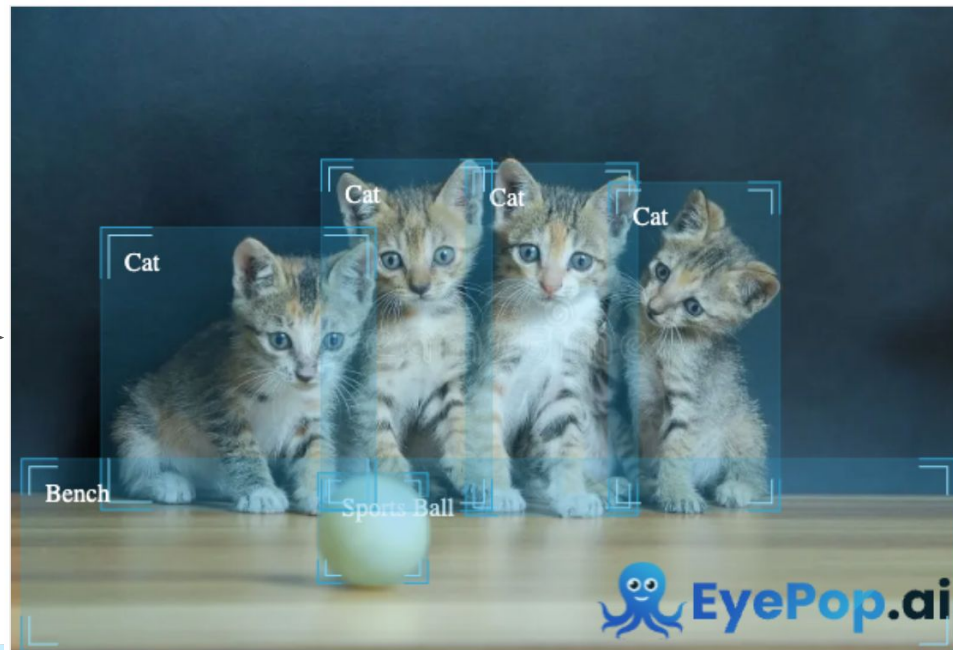
What is EyePop.ai?

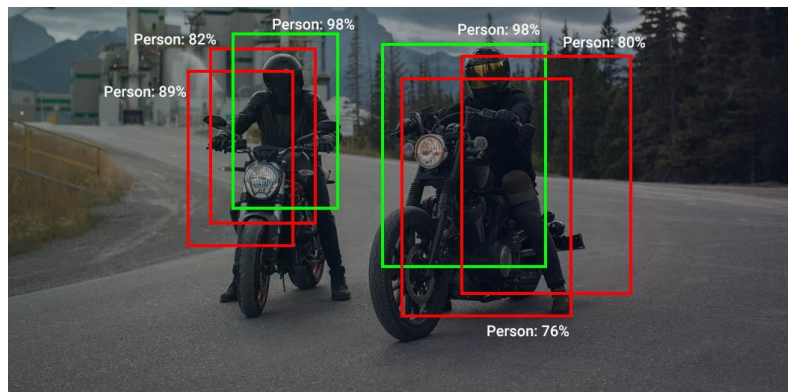**Self-Service AI Platform** - No sales call to get started. This is a place for creators.

Make it easy - Consumer Level UI & No/Low code options.

Perception AI - We are starting with Computer Vision and expanding from there.

EyePop reimagines CV

EyePop reimagines CV

```
inputs = inputs = processor(text=text_prompts, images=images, return_
outputs = model(**inputs)
logits_per_image = outputs.logits_per_image
probs = logits_per_image.softmax(dim=1)
#df=pd.DataFrame(probs.detach().numpy()*100, columns=text_prompts, in
# print (probs)

max_indices = torch.argmax(probs, dim=1)
```

Source Image Dimensions

result."source_width": 720,

result."source_height": 406,

Objects found in image

result."objects"

result.objects[0]."confidence": 0.4400070607662201,

result.objects[0]."classId": 0,

result.objects[0]."classLabel": "person",

result.objects[0]."x": 298,

result.objects[0]."y": 3,

result.objects[0]."width": 342,

result.objects[0]."height": 403,

Objects found within objects (Mostly Face within Person)

result.objects[0]."objects":

result.objects[0]."objects"[0]."classLabel": "face",

Classifications on Objects within Objects (Emotion/Age/Race/Gender on Faces)

result.objects[0]."objects"[0]."classes":

"inferId": 4, Emotions

"inferId": 5, Age

"inferId": 6, Gender

"inferId": 7, Race

Body Keypoints (The position of face and body landmarks such as eyes, nose, wrists, knees

result.objects[0]."keyPoints"."points": [

result.objects[0]."keyPoints"."points"[0]."confidence": 0.7478410601615906,

EyePop.ai

Hackathon - Essentials

Saturday Schedule: (PST)

12:00pm - Lunch at Launch Factory / Networking

12:30pm - Kick Off (In Person + on Zoom)
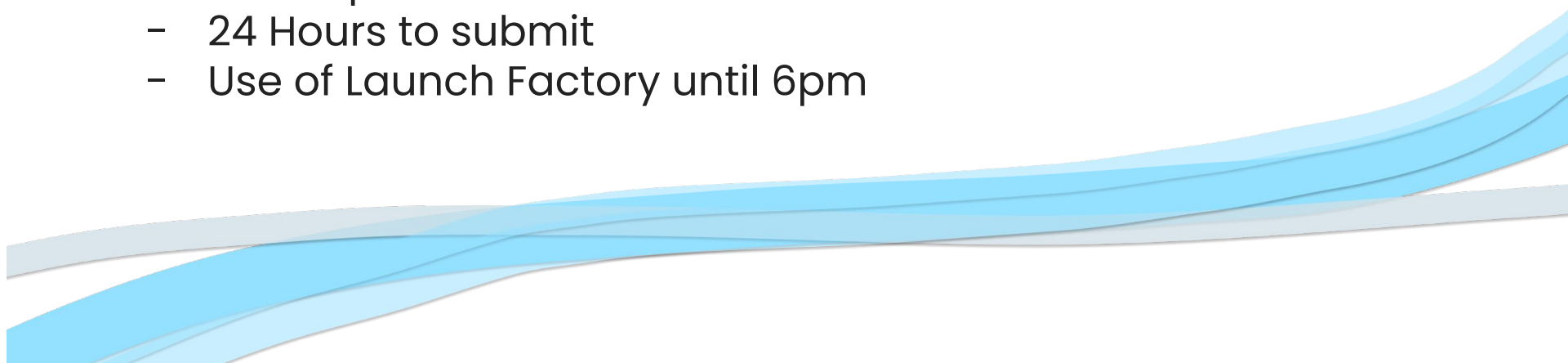   + Get Your AI Worker Server

1:00pm   - Demo of EyePop.ai and Questions

6:00pm - Office Closed

Hackathon - Essentials

You'll get:

- EyePop Account Credits
- An AI Worker server
- A demo workshop
- Sample Code
- Developer Docs
- 24 Hours to submit
- Use of Launch Factory until 6pm

Hackathon - Essentials

You are building:

- A Computer Vision Application
- Uses your AI worker server
- Uses a Third party plugin or data

Hackathon - Essentials

Scoring:

- Functionality:

  24 hours to prototype. Aim for functionality you can build in that time frame!

- Impact:

  What could the world use? What need is this meeting?

Hackathon - Essentials

Submission by: 10/15 12pm PST

Must include:

- Email: send andy@eyepop.ai Team name, Member names, and project description

- Video: Show us a screen grab or phone video of your solution working. Add anything you'd like about the customer or why you choose this problem.

- Code: Send a GitHub or ZIP of the code you used to prototype.
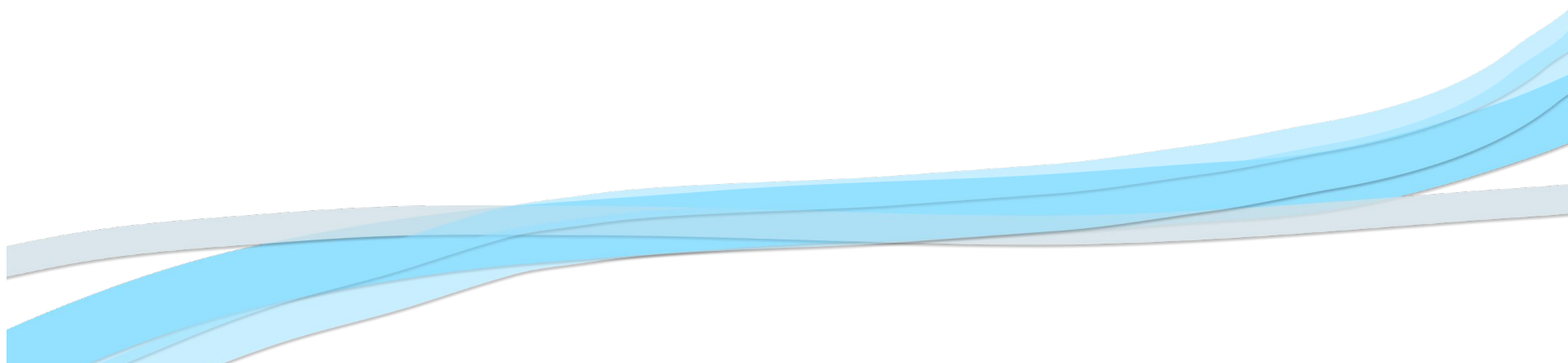
EyePop.ai

Examples

- Yoga Tutor on Skype

- Virtual Try-on with Shopify

- Automatic Alt Tagger using ChatGPT

- Posture guide for therapy patients to correct exercises on Zoom

Hackathon - Essentials

Winners & Favorites

We'll post screenshots of our favorites with credit!

Winners announced on Tuesday 10/17!

Hackathon - Essentials

EyePop.ai

Prizes and Compensation:

- Participants will be granted free computing hours to the EyePop.ai platform and a free tee shirt.

- Top 3 Prizes get one MONTH of computing credits on the EyePop.ai platform.

- Winners will be selected based on the criteria mentioned in the hackathon rules.

- Prizes will be distributed after the conclusion of the event.

- Computer Credits will be distributed after EyePop.ai's public launch

Hackathon - Essentials

How to get help:

- Discord Mentors & Chat: https://discord.gg/4pZmmsMz

- In Person Mentors

- GitHub Sample Code: https://github.com/eyepop-ai/Demos

- Developer Docs:
  https://github.com/eyepop-ai/Demos/blob/main/EyePop.ai_Developer_Documentation_202310131200.pdf