

Build a Mini-Amazon-Go in 1 Day

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Amazon AI

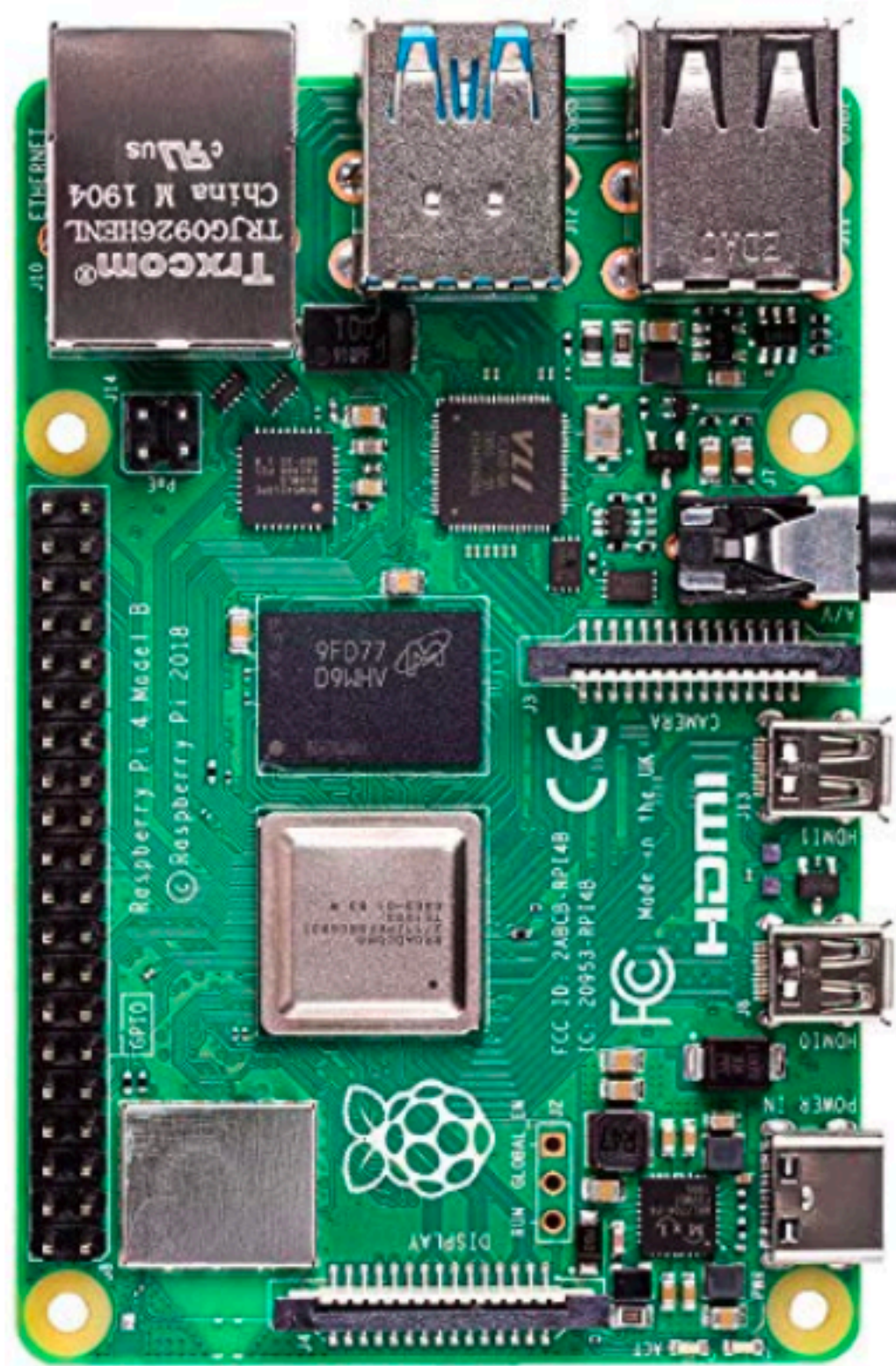
Outline

- **Initiate the work-horse(SageMaker notebook)**
- **Showcase a demo from the noob**
- **Sampling real-world data**
- **Hello world for object labeling**
- **Train and Evaluate object detector**
- **Happy hacking!**
- **Leaderboard**

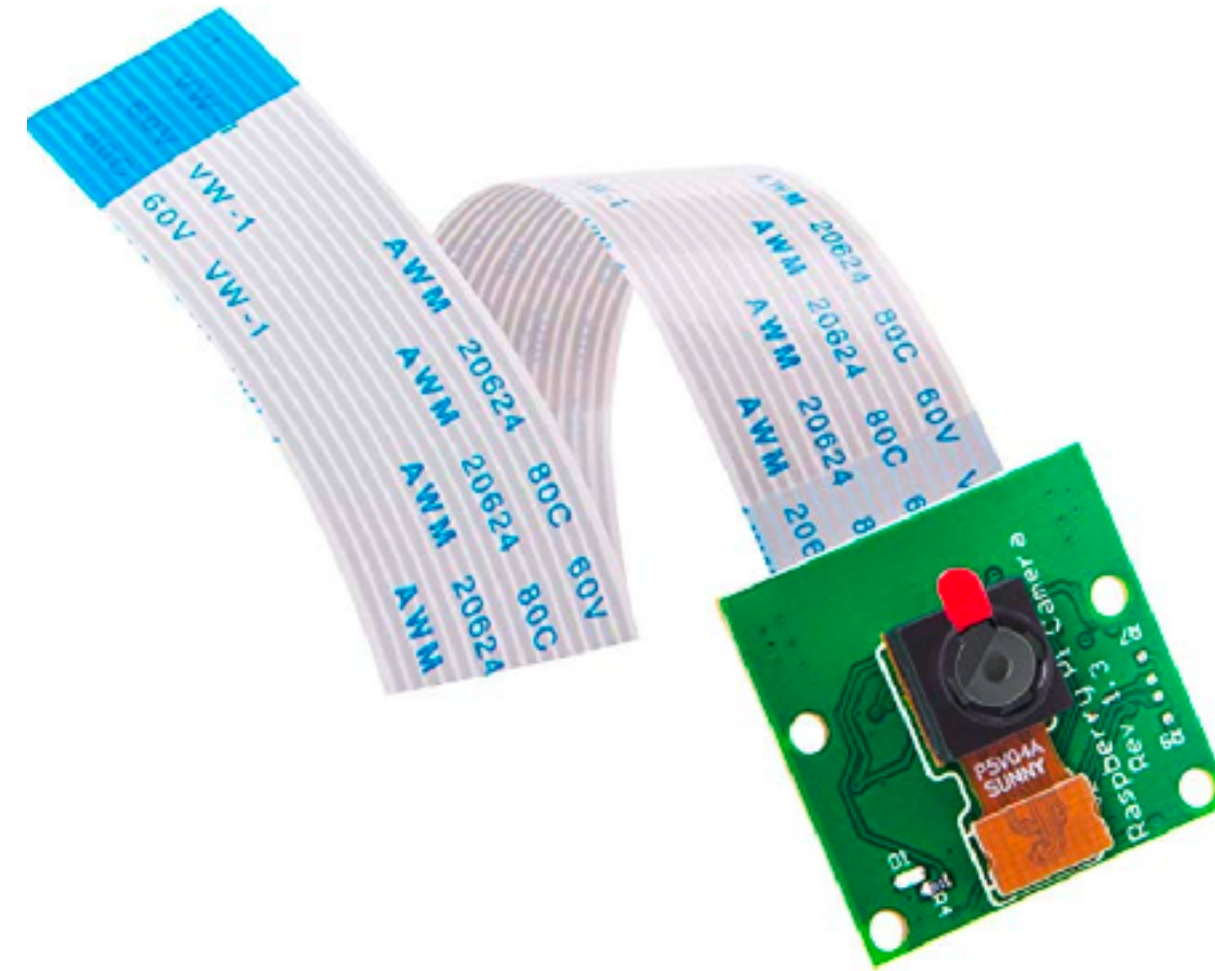
Initiate the work-horse

***@request-nb.mxnet.io**

Showcase a demo from the noob

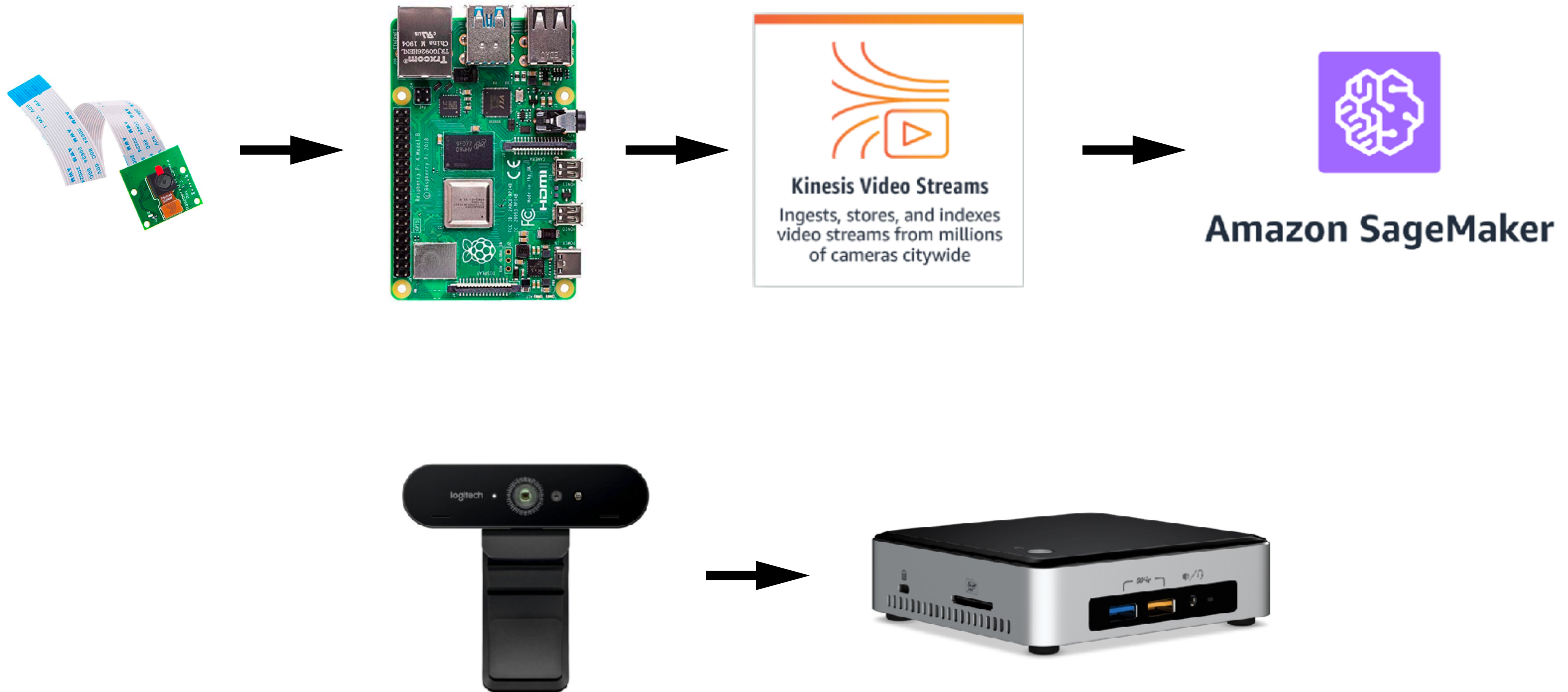


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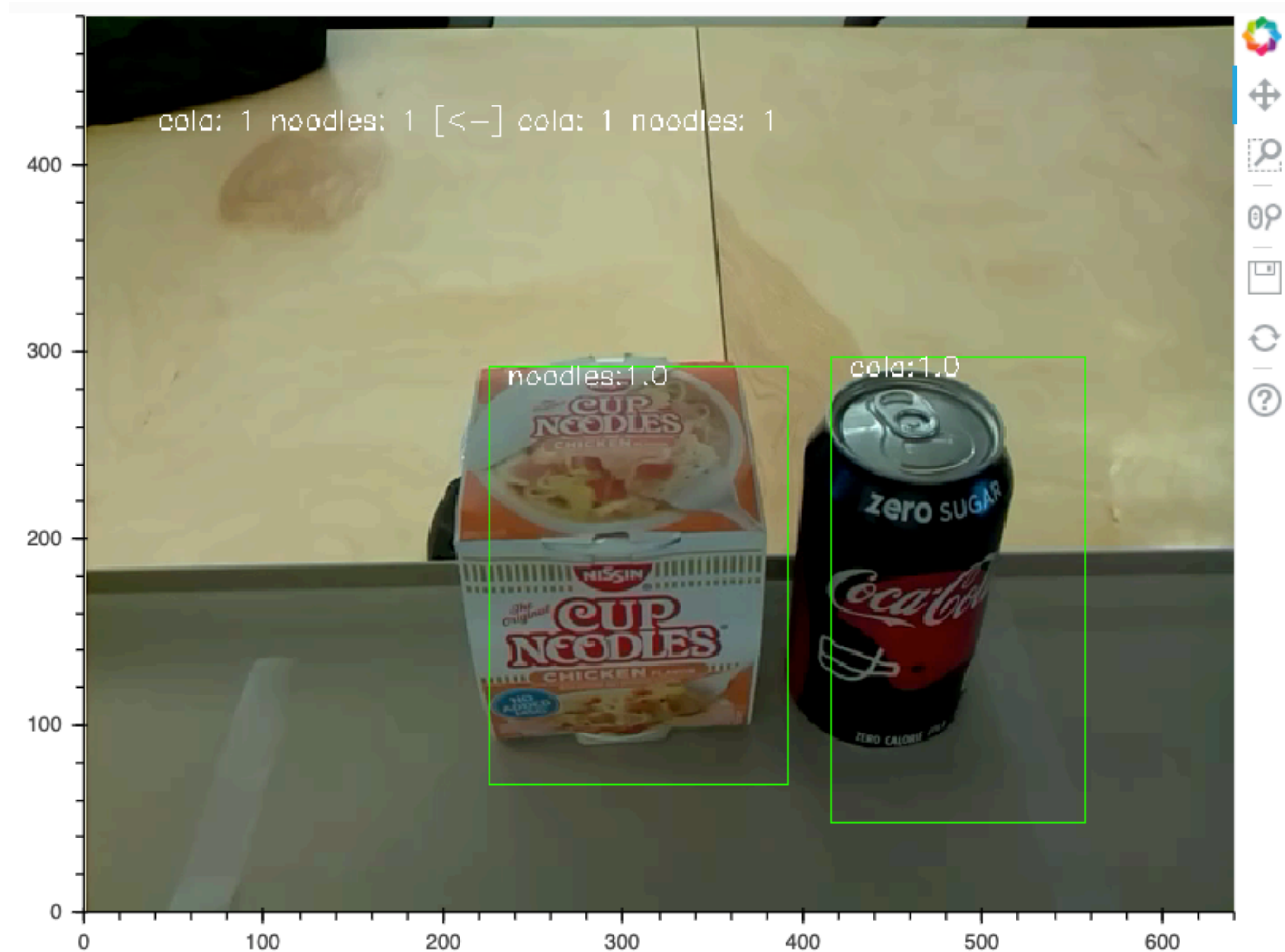


≤ \$60

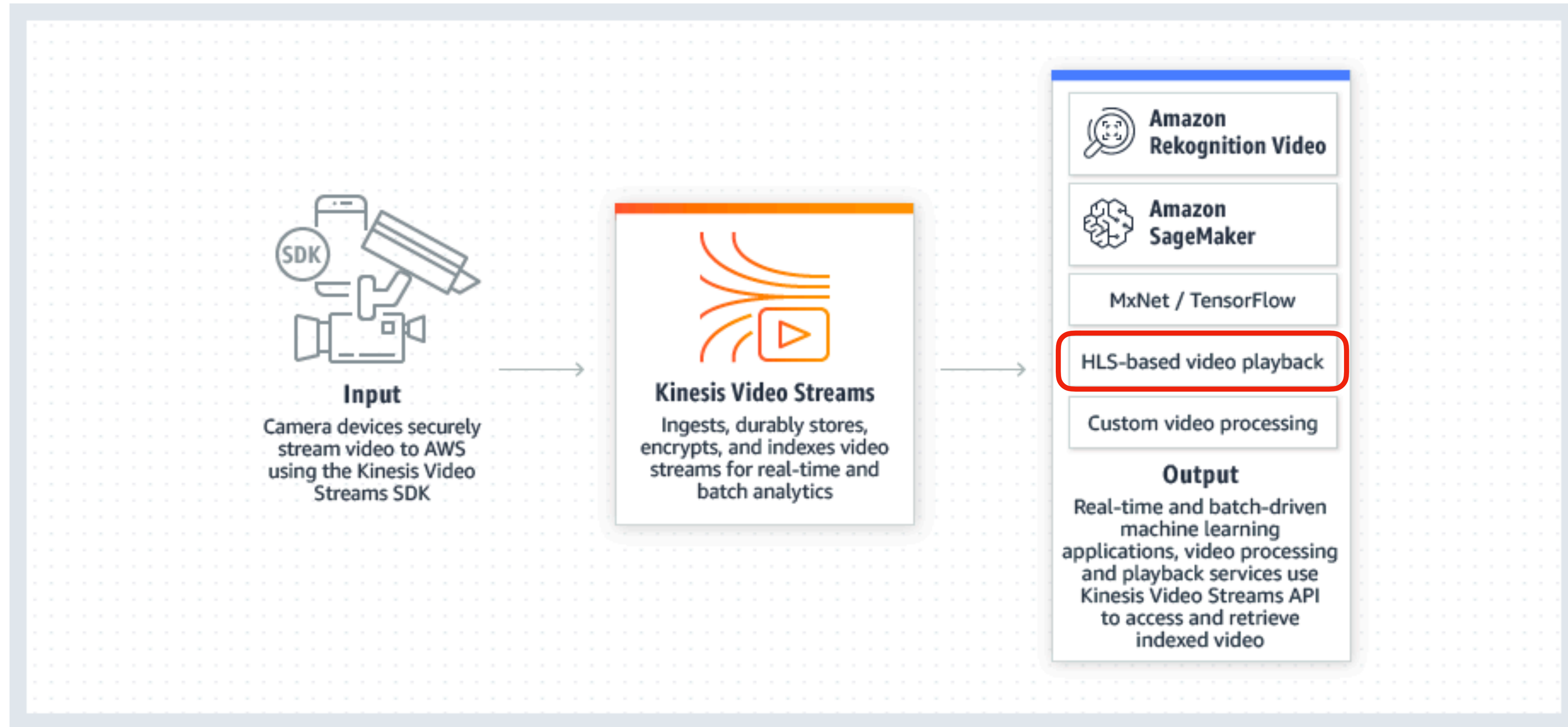
Showcase a demo from the noob



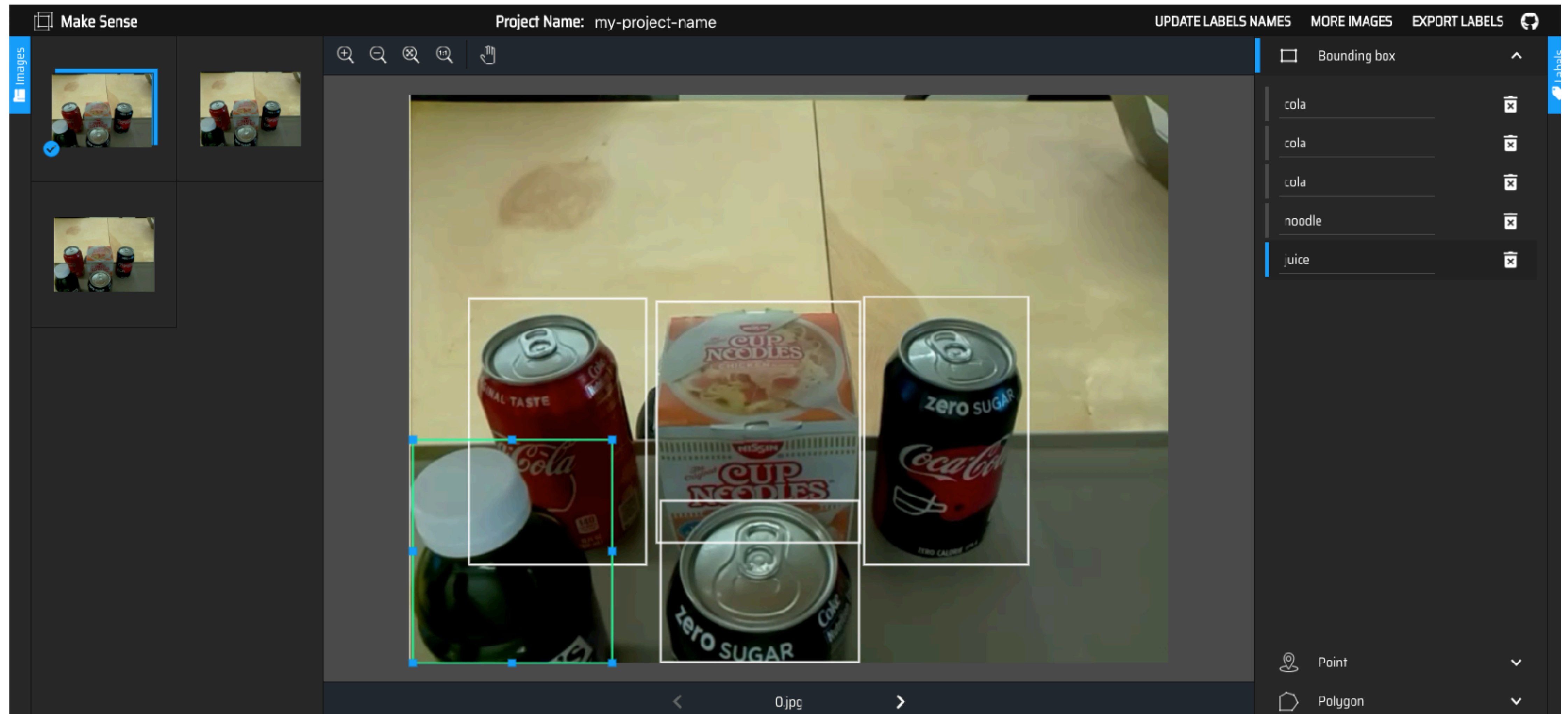
Showcase a demo from the noob



Sampling real-world data

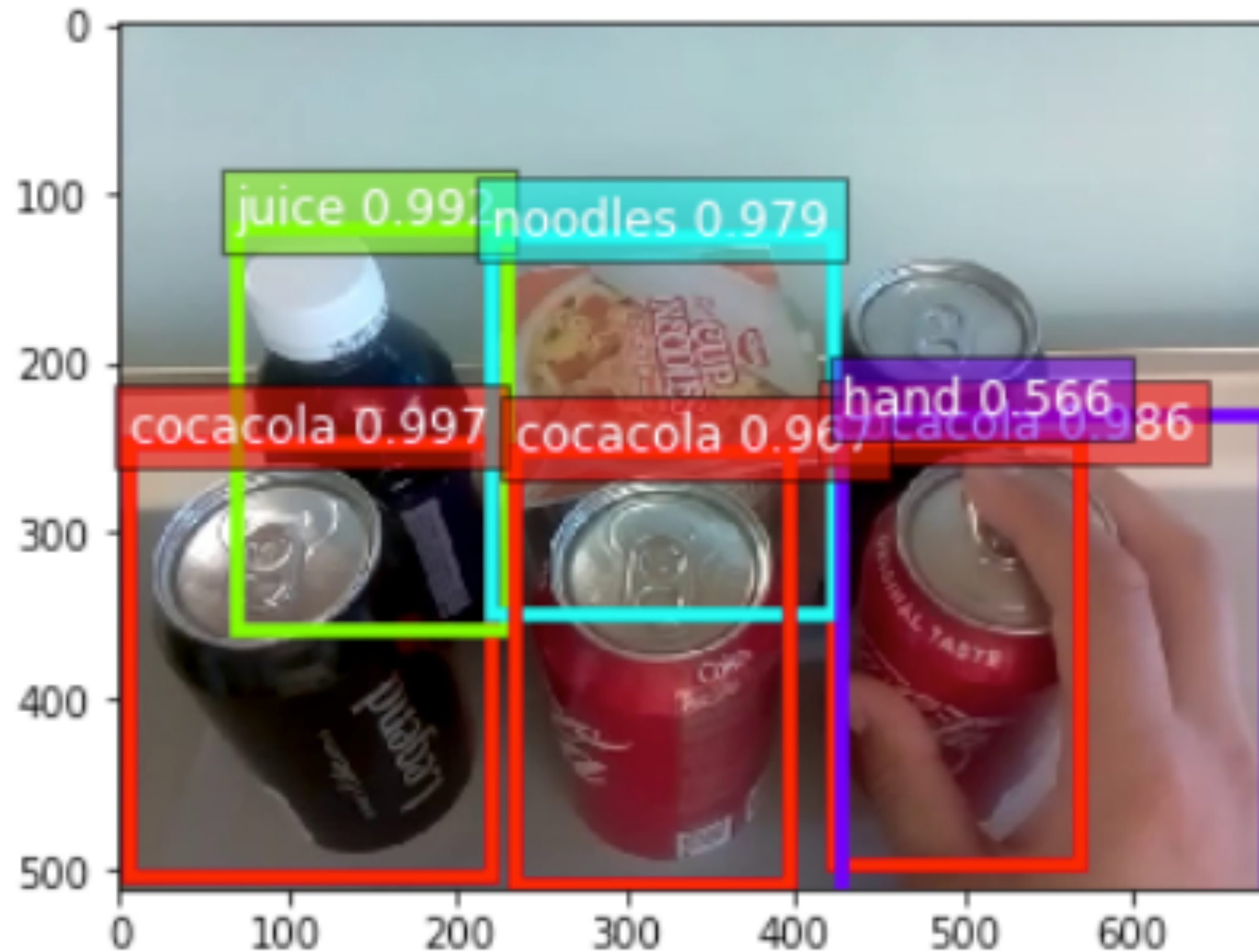


Hello world for object labeling



<https://www.makesense.ai/>

Train and Evaluate object detector



Happy Hacking

- Team up
- Split the tasks
 - Sampling training images
 - Parallel labeling
 - Train and evaluate object detection models
- Design your cashier-less logic

Evaluation Method

- Accuracy: percentage of correctly detected transaction movements
- UX(User experience): how satisfying the overall user experience is.
- Innovation: how you bring cool technologies into the pipeline

Troubleshooting

- GPU: out of memory
 - If there are too many notebooks opened which occupies lot's of GPU memory, then you should close some of them to avoid OOM error