Options

☑ Save analyzer PNGs

☑ Show run folder file list

Runs are stored in:

D:\Python_Programs\Proj‹

SmartTrack — Interactive Dashboard

Upload video → Run Tracker → Analyze → Explore.

Upload & Run   Explore Runs   About

Upload Video

Upload video

| ☁ | **Drag and drop file here**
 Limit 200MB per file • MP4, MOV, AVI… | Browse files |

📄   test.mp4 3.5MB   ✕

Run tracker

Last run: runs\run_20251129_142917

Analyze last run

Analyzer logs

logs

[wrapper] Metrics processed.
[wrapper] Detections processed.
[wrapper] Combined summary computed.

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Explore Previous Runs

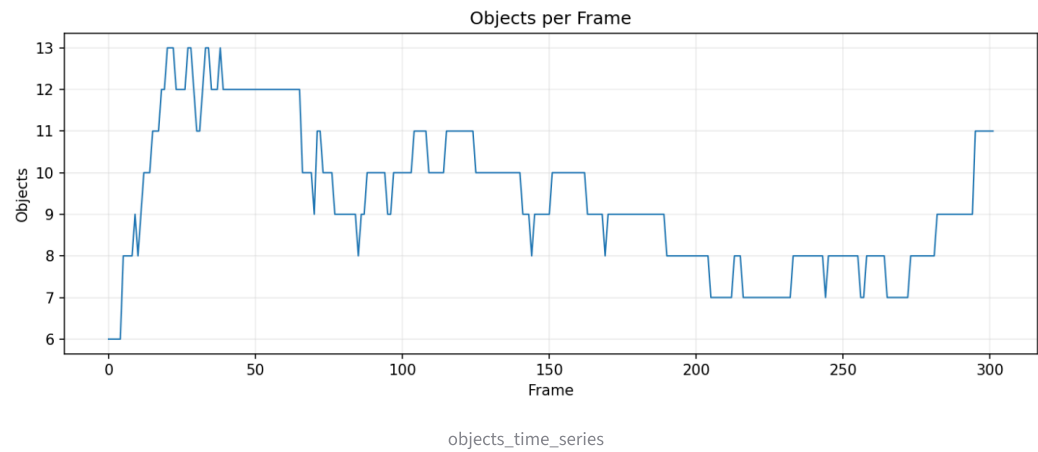Choose run:

runs\run_20251129_142917   ⌄
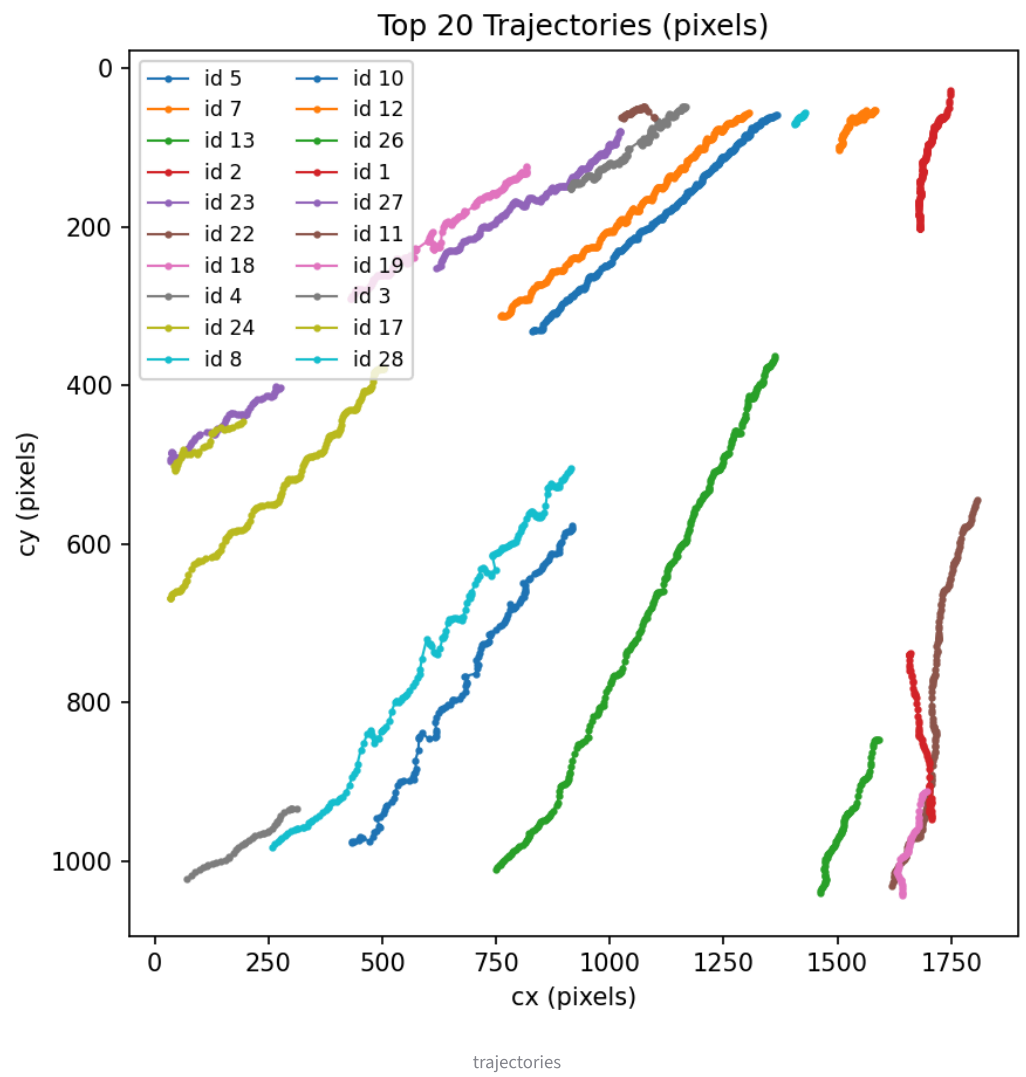
Analyze selected run

Summary

Avg FPS

17.984874172185428

Avg Objects/Frame

9.370860927152318

FPS Std

5.436245345750854

Total Tracks

29

FPS Stability

Unstable

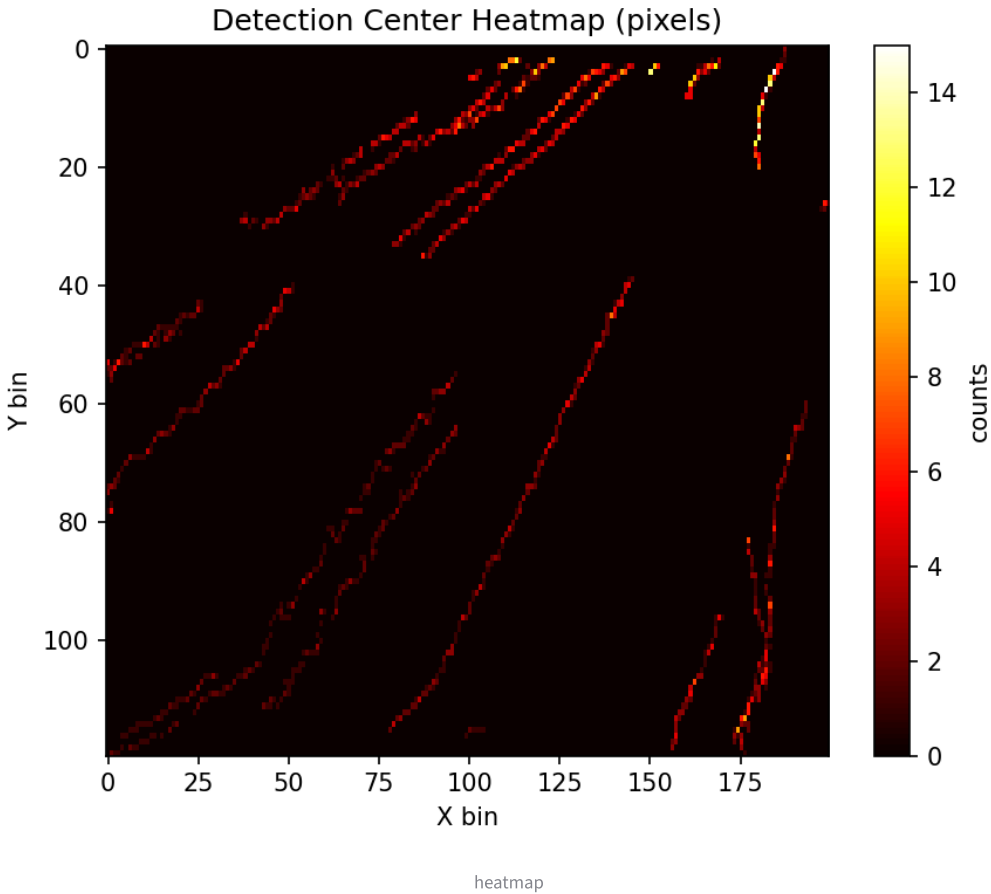Scene Density

High

Static Artifacts (from Analyzer)

The `use_column_width` parameter has been deprecated and will be removed in a future release. Please utilize the `use_container_width` parameter instead.

objects_time_series

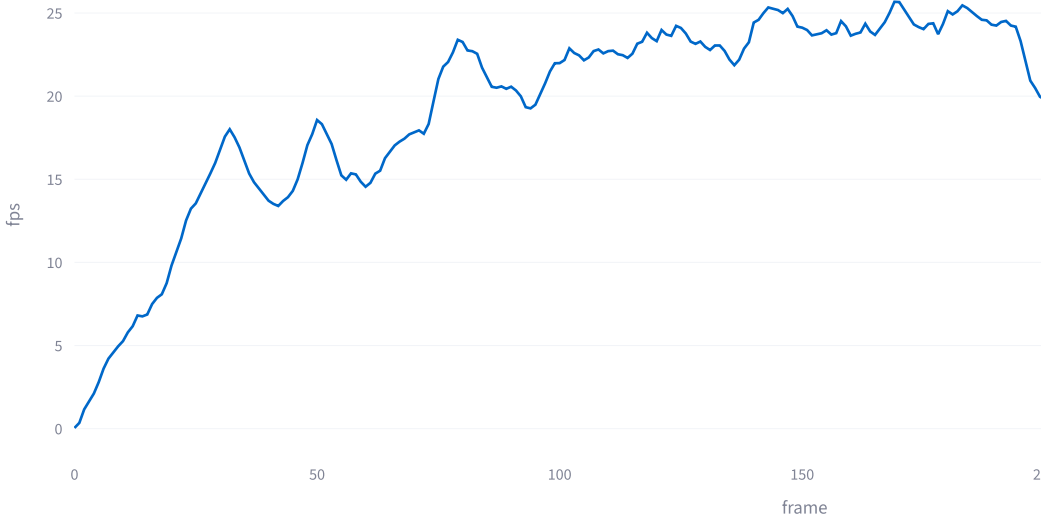The `use_column_width` parameter has been deprecated and will be removed in a future release. Please utilize the `use_container_width` parameter instead.
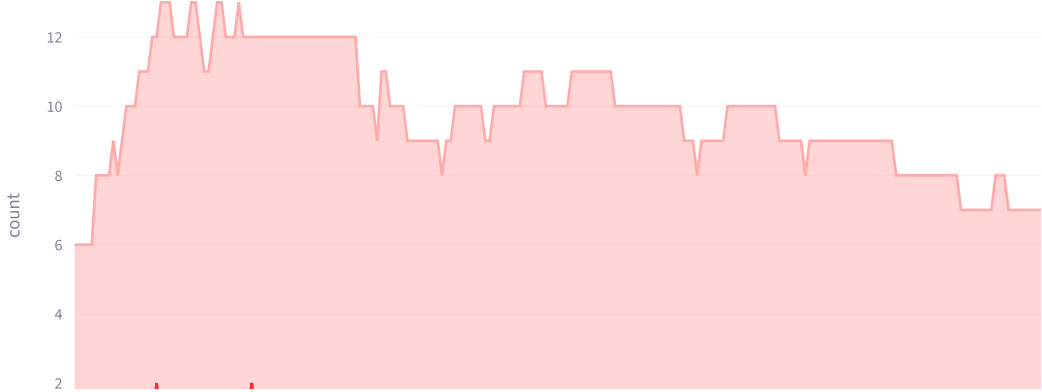
trajectories

The `use_column_width` parameter has been deprecated and will be removed in a future release. Please utilize the `use_container_width` parameter instead.
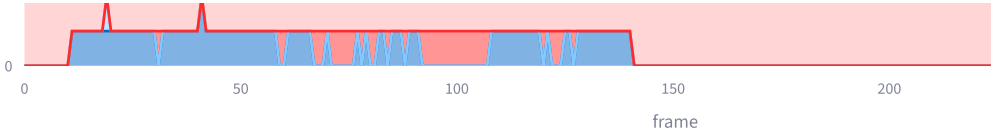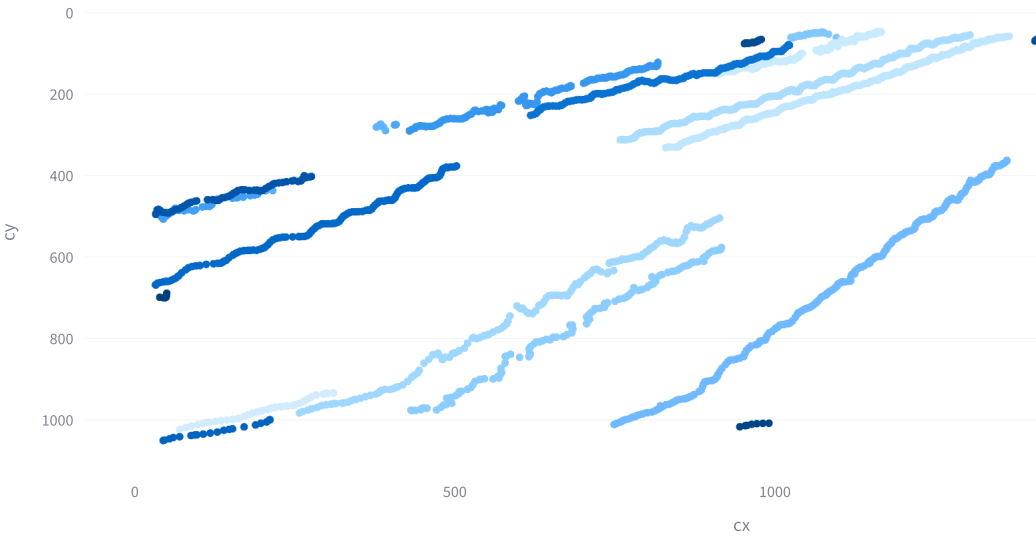
Detection Center Heatmap (pixels)

heatmap

Interactive Charts

FPS over Frames

Per-Class Counts Over Time

SmartTrack Dashboard

frame

Centroids (all frames)

Centers (all frames)

cy
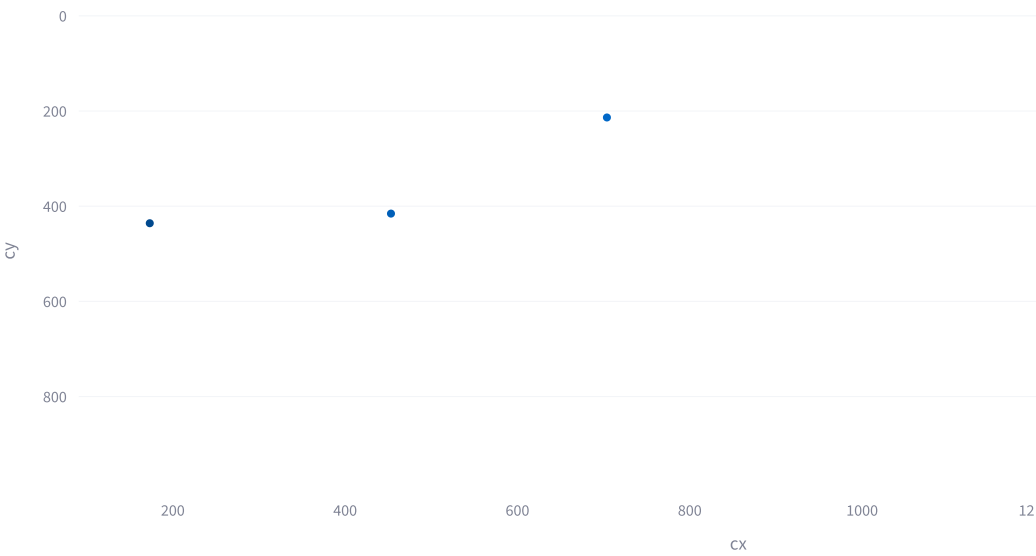
cx

Frame

Centers (frame=274)

cy

cx

Run Folder Contents

```
detections.csv
heatmap.png
metrics.csv
objects_time_series.png
summary_run.csv
test.mp4
trajectories.png
```

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Upload & Run   Explore Runs   **About**

About SmartTrack Dashboard

- Upload → Track → Analyze → Visualize.
- Analyzer produces static artifacts (.png, .csv).
- Dashboard provides interactive insights (Plotly).
- PNGs are kept for GitHub, offline reports, screenshots.