

<https://www.python.org/downloads/>

<https://github.com/ultralytics/ultralytics>

<https://docs.ultralytics.com/models/yolo11/>

<https://universe.roboflow.com/2025-frc-611-vision/frc-v2025>

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

https://docs.ultralytics.com/yolov5/tutorials/train_custom_data/#11-create-datasetyaml

Lookup Jupyter Notebooks. Download extension in VScode

Lookup how to get an api_key from Roboflow

Using a jupyter notebook, run this command:

```
!pip install roboflow
```

```
from roboflow import Roboflow
```

```
rf = Roboflow(api_key="unauthorized")
```

```
project = rf.workspace("2025-frc-611-vision").project("frc-v2025")
```

```
version = project.version(4)
```

```
dataset = version.download("yolov11")
```

This should download the entire dataset and labels, including the .YAML file that you created earlier. Use these in your YOLO_CUSTOM.py script and let me know how it goes!