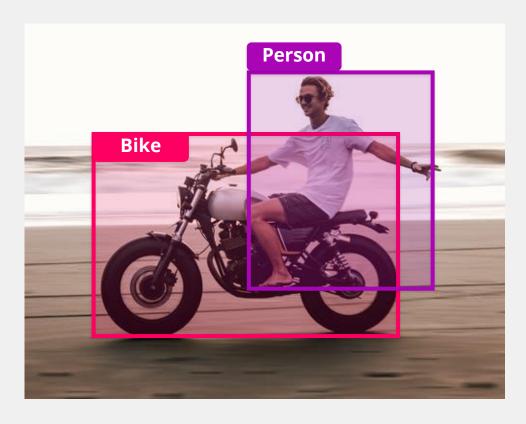
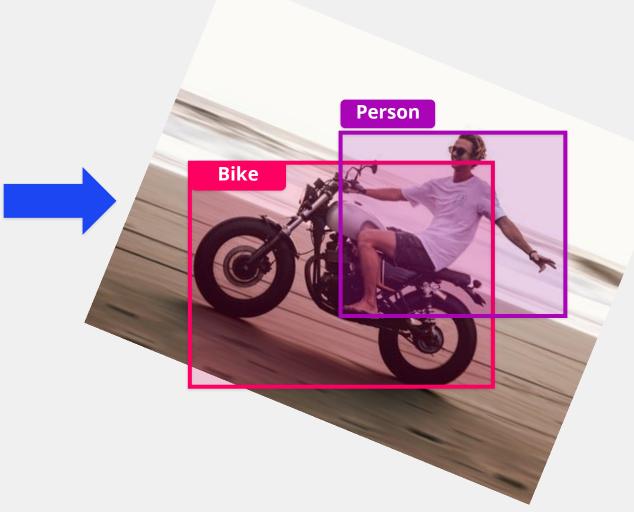


Data Augmentation Techniques

- Cropping
- Rotating
- Padding
- Flipping

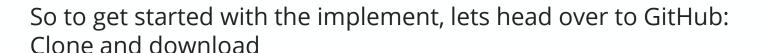
Rotational Data Augmentation





Data Augmentation

Instructions for Rotational Data Augmentation





https://github.com/whynotw/rotational-data-augmentation-yolo

Fill in arguments as shown

Insert your dataset into the dataset_original folder. Type in following command:

```
python rotation.py -d data_original
```

Resultant images are in the data_rotational folder

Further Reading



https://towardsdatascience.com/data-augmentation-experimentation-3e274504f04b

Data Augmentation

Verify annotations by LabelIMG



https://github.com/tomahim/py-image-dataset-generator

Clone and download

pip install -r requirements.txt

Insert your dataset into the dataset folder.

python augmentation.py -folder=dataset -limit=1000



