

# Semantic Segmentation Coding

# Semantic Segmentation

Coding Lecture: Semantic Segmentation of aerial imagery

- Satellite images of Dubai
- 6 classes
  - Building: #3C1098
  - Land (unpaved area): #8429F6
  - Road: #6EC1E4
  - Vegetation: #FEDD3A
  - Water: #E2A929
  - Unlabeled: #9B9B9B
- source:  
<https://www.kaggle.com/datasets/humansintheloop/semantic-segmentation-of-aerial-imagery>



source



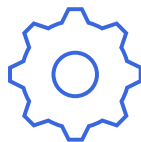
mask

# Semantic Segmentation

## Structure



Data Preparation



Model Setup / Training



Model Evalation