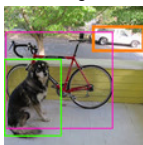


bounding boxes



YOLO

CNN

Mask
Segmentation
Network (FCN)

Feature Map

ROI
Align

Fixed size
Feature Grid

Binary Mask

| | | | | |
|---|---|---|---|---|
| 0 | 1 | 1 | 0 | 0 |
| 1 | 1 | 0 | 0 | 1 |
| 0 | 0 | 1 | 1 | 0 |
| 0 | 1 | 1 | 0 | 1 |
| 0 | 1 | 0 | 1 | 0 |
| 1 | 1 | 0 | 1 | 0 |
| 0 | 0 | 0 | 0 | 1 |