

**R-CNN**

**Fast R-CNN**

**Faster R-CNN**

**SSD**

**Region Proposal**

**Selective  
Search**

**Selective  
Search**

**RPN**

**Feature Extraction**

**CNN**

**CNN**

**CNN**

**CNN**

**Classification**

**SVM**

**Fully  
Connected**

**Fully  
Connected**

**Non-Neural**



**Neural**



**Convolutional**

