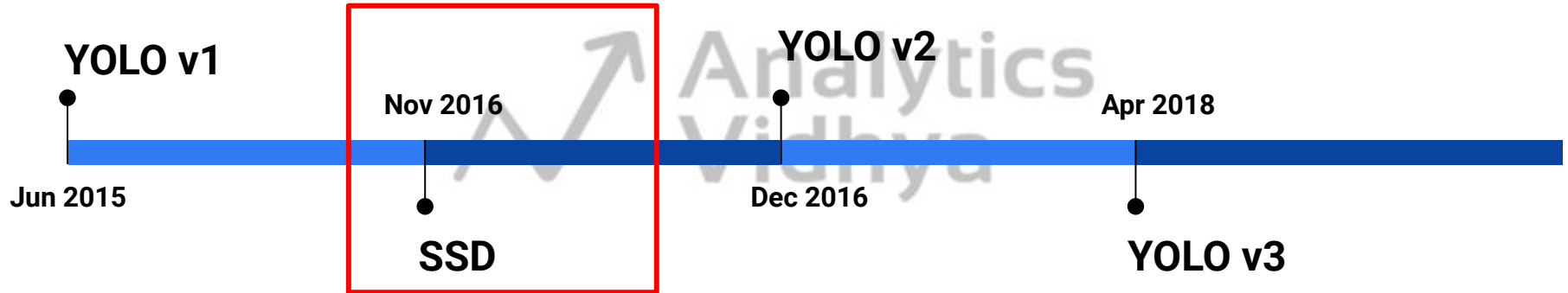


SSD - Single Shot Detector

Single Stage Learning



SSD - Single Shot Detector

- SSD performs localization and classification in a single pass

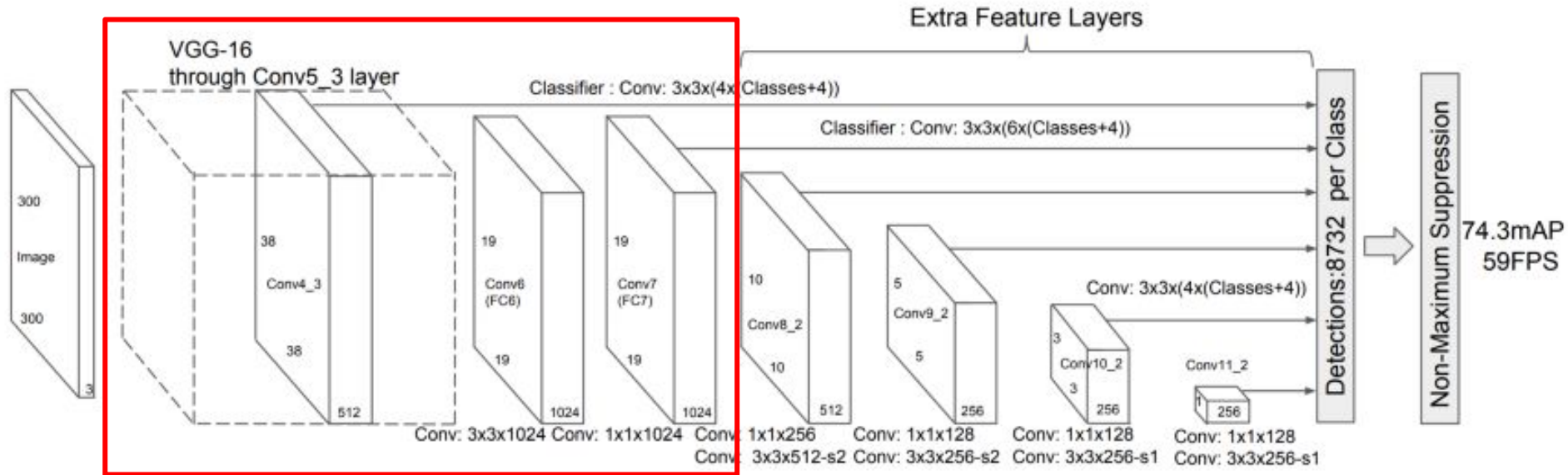


SSD - Single Shot Detector

- SSD performs localization and classification in a single pass
- Uses VGG16 Architecture to generate feature map

Analytics
Vidhya

SSD - Single Shot Detector



SSD - Single Shot Detector

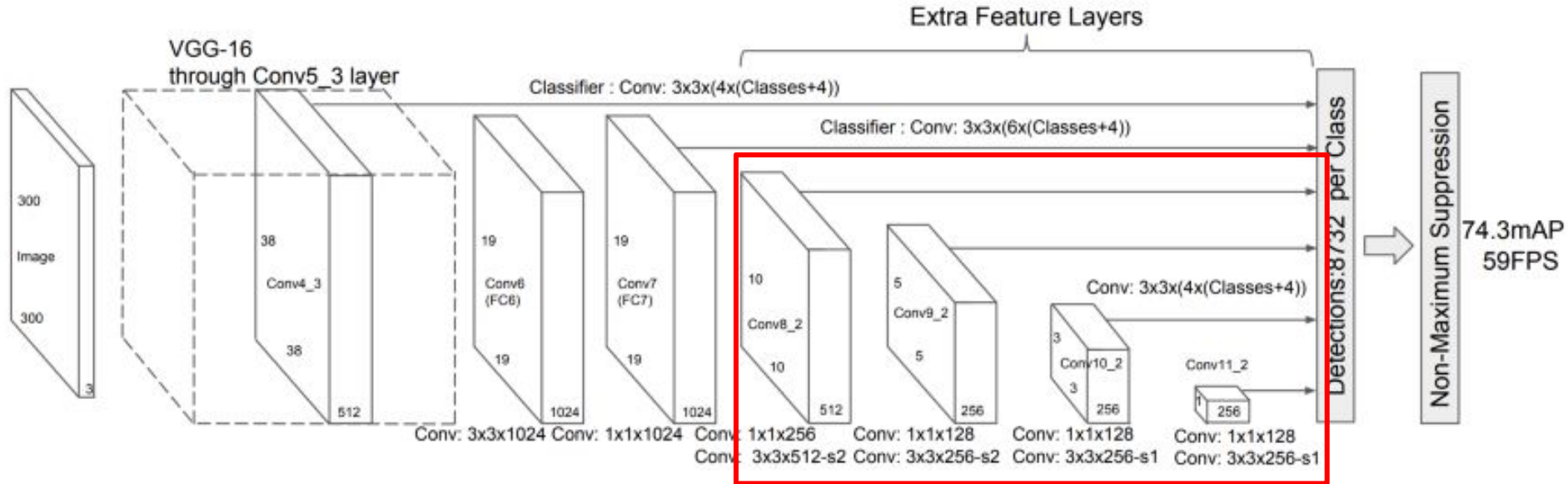
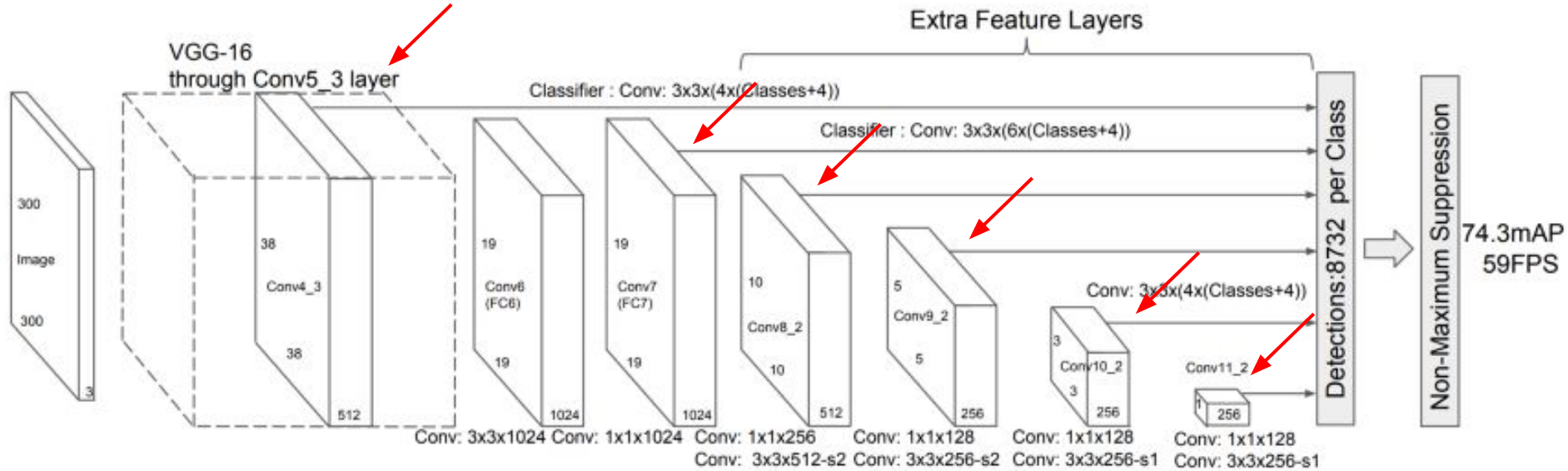


Image Pyramid Network

SSD - Single Shot Detector

- SSD performs localization and classification in a single pass
- Uses VGG16 Architecture to generate feature map
- Multi-scale feature maps for detection

SSD - Single Shot Detector



SSD - Single Shot Detector

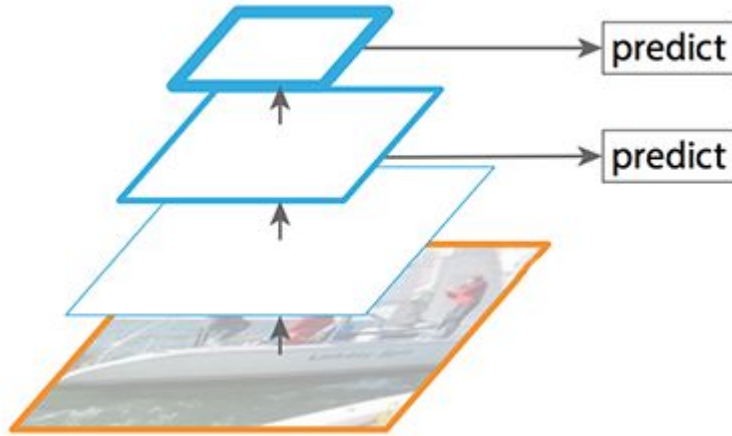


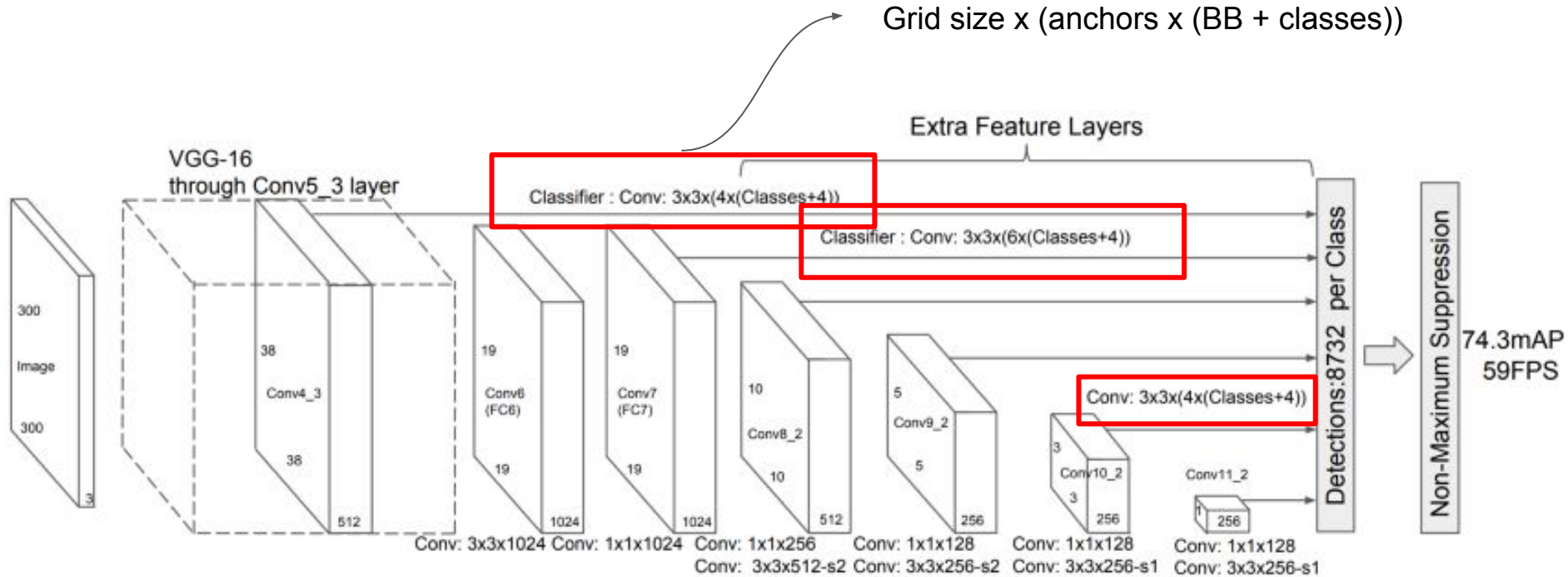
Image Pyramid Network

Analytics
Vidhya

SSD - Single Shot Detector

- SSD performs localization and classification in a single pass
- Uses VGG16 Architecture to generate feature map
- Multi-scale feature maps for detection
- Uses anchor boxes over feature maps

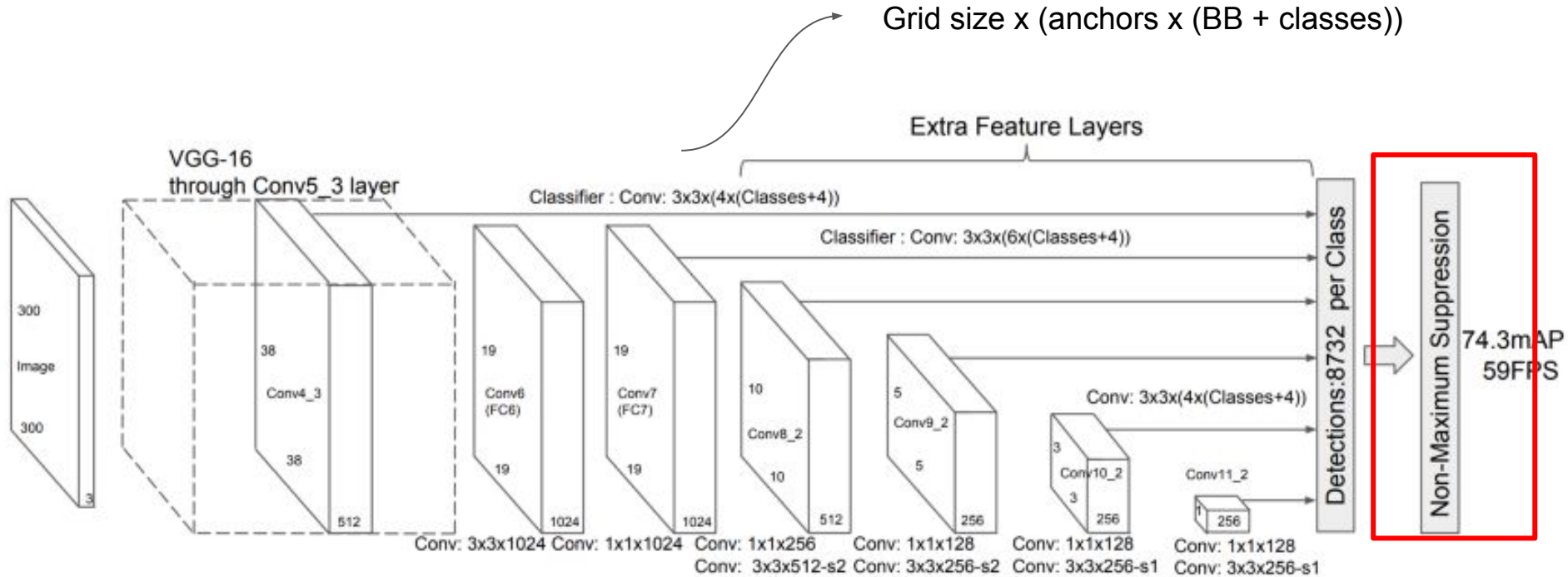
SSD - Single Shot Detector



SSD - Single Shot Detector

- SSD performs localization and classification in a single pass
- Uses VGG16 Architecture to generate feature map
- Multi-scale feature maps for detection
- Uses anchor boxes over feature maps
- Applies Non-max suppression

SSD - Single Shot Detector





Thank You