Pre-Trained Models for Image Classification

1. ResNet (Residual Networks)
2. Inception (GoogLeNet)
3. VGG (Visual Geometry Group)
4. EfficientNet
5. DenseNet (Dense Convolutional Network)
6. MobileNet
7. NASNet (Neural Architecture Search Network)
8. Xception (Extreme Inception)
9. AlexNet
10. Vision Transformers (ViT)

==Pre-Trained Models for Object Detection==

1) **Mask R-CNN**

2) **YOLOv2**

3) **MobileNet**

4) **Ripe/unripe tomato classification**

5) **Car classification**

Facial Recognition and Regeneration

1) **VGG-Face Model**

2) **3D Face Reconstruction from a Single Image**

3) **Facenet**

4) **Mtcnn**

5) **Dlib**

6) **CASIA-webfacce**

Pre-Trained Models for text Classification

1. XLNet

2. ERNIE

3. Text-to-Text Transfer Transformer (T5)

4. Binary Partitioning Transfomer (BPT)

5. Neural Attentive Bag-of-Entities (NABoE)

6. Rethinking Complex Neural Network Architectures