

Transfer Learning

M.Tech. Data Science, Second Year, NMIMS

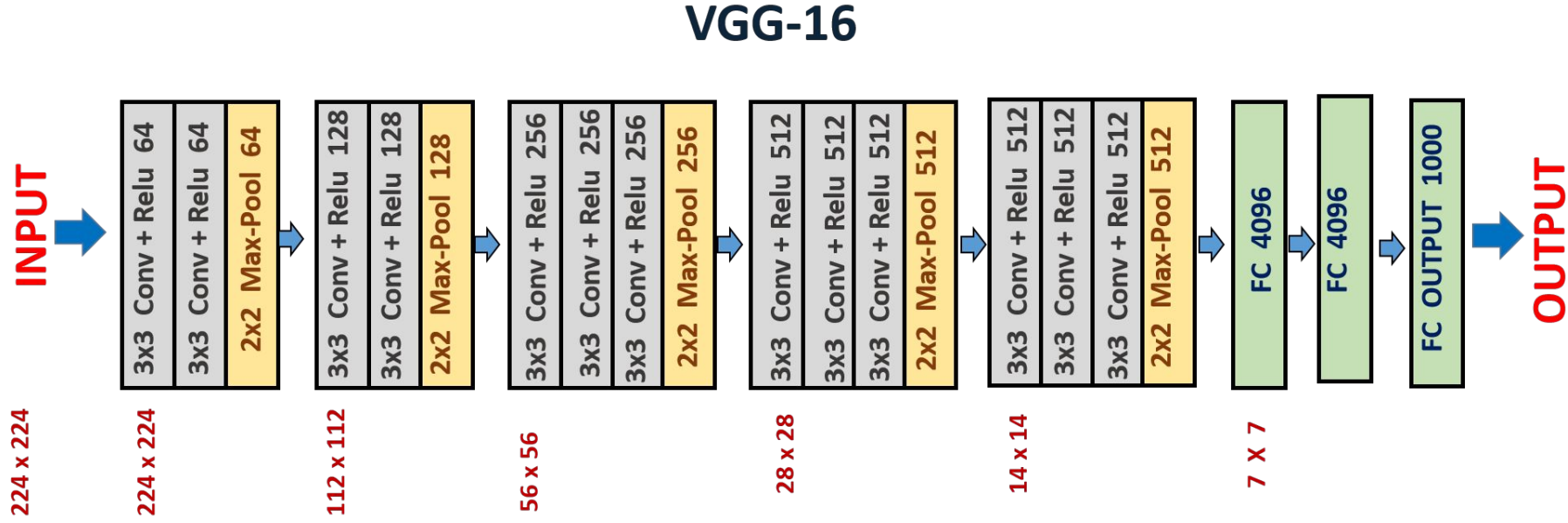
By,

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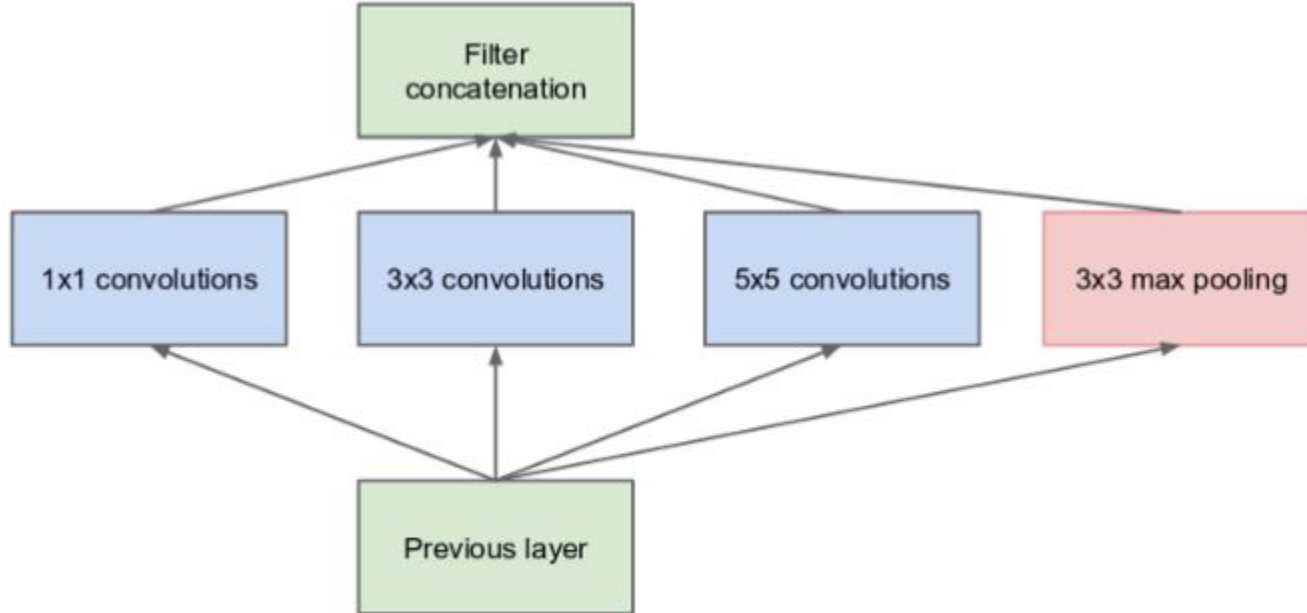


Transfer Learning

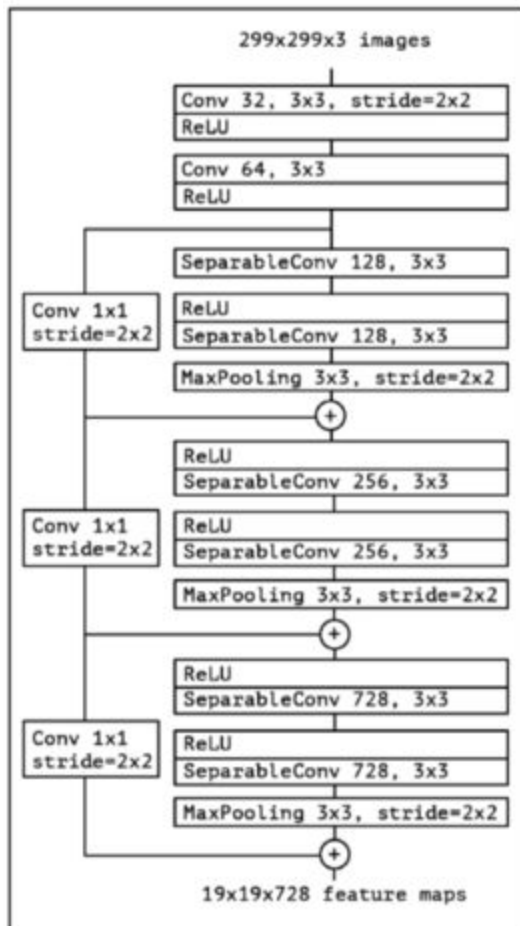
- In 2010, Stanford created the ImageNet Competition
- Over the years different types of convolutional neural network are designed to optimized the error rate.
- Transfer Learning allows for the knowledge learned in one task to be reused as a starting point for a second task.
- Example: model capable to identify humans, animals, and furniture locations can be modified to find objects from real time image data



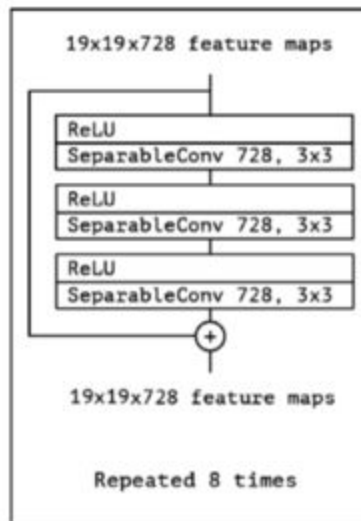
Inception Models



Entry flow



Middle flow



Exit flow

