

## Unit V Convolution Neural Network

Sr. No.	Topic	Resources
1.	Building blocks of CNNs	<a href="#">Link</a>
2.	convolution / pooling layers	<a href="#">Link</a>
3.	Padding	<a href="#">Link</a>
4.	Strided convolutions	<a href="#">Link</a>
5.	Convolutions over volumes	<a href="#">Link</a>
6.	SoftMax regression	<a href="#">Link</a>
7.	Deep Learning frameworks	<a href="#">Link</a>
8.	Training and testing on different distributions	<a href="#">Link</a>
9.	Bias and Variance with mismatched data distributions	<a href="#">Link</a>
10.	Transfer learning	<a href="#">Link</a>
11.	Multi-task learning	<a href="#">Link</a>
12.	end-to-end deep learning	<a href="#">Link</a>
13.	Introduction to CNN models: LeNet – 5	<a href="#">Link</a>
14.	AlexNet	<a href="#">Link</a>
15.	VGG – 16	<a href="#">Link</a>
16.	Residual Networks	<a href="#">Link</a>