

50 classes dataset

			Test accuracy	Test accuracy	Test accuracy	Test accuracy	Test accuracy	Test accuracy	Test accuracy	Test
Model	Training accuracy	Validation accuracy	Normal dataset	Normal dataset with augmentation	Gaussian noise	gaussian Noise with augmentation	Salt and pepper noise	Corrupted 20%	Corrupted 50%	corrupted-25%
CNN trained with normal images	97.13	96.62	97.34	2.31	52.31	2.46	13.96	74.92	21.38	67.33
Cnn with data augmentation on normal images	93.28	90.62	53.77	93.31	48.54	37.54	8.38	11.08	4.00	6.00
Gaussian noise cnn	98.31	98.54	40.54	2.92	98.54	3.23	73.85	2.77	1.37	1.37
Gaussian noise +data aug	91.95	94.62	20.85	26.23	56.31	92.38	27.62	5.23	2.85	3.69

25 % of dataset is corrupted on 50 classes

			Test accuracy	Test accuracy	Test accuracy	Test accuracy	Test accuracy
Model	Training accuracy	Validation accuracy	Corrupted 25 %	corrupted 20 %	Corrupted-50%	Normal dataset with augumnetation	Normal dataset
CNN corrupted responses 25%	97.98	97.98	98.18	98	93.69	1.77	5.23
Cnn with data augmentation on corrupted responses 25%							

143 classes dataset

[illegible]