

PyTorch CNN model – Food Image 101

Image Size	32 x 32	64 x 64	128 x 128
Accuracy	34%	43%	49%
Processing Time	18 min	50 min	4 hour
# of layers	4 layers	5 layers	6 layers
	Individual class accuracy: pie 20.95 % smooth_des 32.64 % red_meat 44.34 % egg 26.31 % pasta 43.15 % soup 44.74 % salad 41.56 % fried_food 25.87 % sandwich 42.05 % rice 26.01 % dumpling 28.53 % noodles 37.52 % cake 40.28 % sweet_brea 20.65 % shell 28.64 %	Individual class accuracy: pie 17.70 % smooth_des 44.28 % red_meat 54.31 % egg 41.70 % pasta 44.22 % soup 60.70 % salad 60.24 % fried_food 58.31 % sandwich 33.89 % rice 23.75 % dumpling 35.80 % noodles 37.86 % cake 42.11 % sweet_brea 31.15 % shell 58.41 %	Individual class accuracy: pie 16.67 % smooth_des 49.12 % red_meat 52.97 % egg 44.70 % pasta 47.45 % soup 62.61 % salad 67.16 % fried_food 53.93 % sandwich 54.90 % rice 43.62 % dumpling 32.48 % noodles 48.33 % cake 56.14 % sweet_brea 37.08 % shell 58.57 %