

Regularizing your neural network

Other regularization methods

Data augmentation

Say we need ages



Synthetic data Generation

Flip the Image =) more data



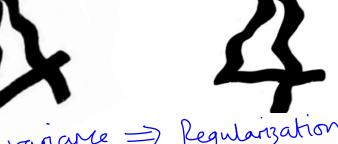
Random transformation => more data



- Not as good as Independent new data, but much less expensive!

=> What we Imply us, y something is a Cat => Its "mirror/transformed" Image is also a cat







=> More data => 1 variance => Regularization

