

# Day 3: wrap up

- CROSS-VALIDATION
  - Overfitting
  - Always tune your hyper-parameters
  - Meaning of training, validation and test set performances
- BUILDING BLOCKS#2
  - Convolutions, (max) pooling, flatten
  - Regularization: L1/L2, dropout, early stop
  - Optimizers: gradient descent, RMSprop, Adam

