

# FIRST STEPS W/TF

Hyperparameters ← Learning rate  
epochs (# of full passes of the data set)  
batch size (determines epoch size)

- Need to tune all three to get good results
- Loss curve should quickly descend and then flatline
- Oscillation ⇒ training rate too high

## Ideas :

- decrease learning rate while increasing epochs or batch size
- start w/ large batch + decrease
- Data set may be too large for high batch size

## EXPERIMENT and VERIFY!