# Lecture Notes for **Machine Learning in Python**



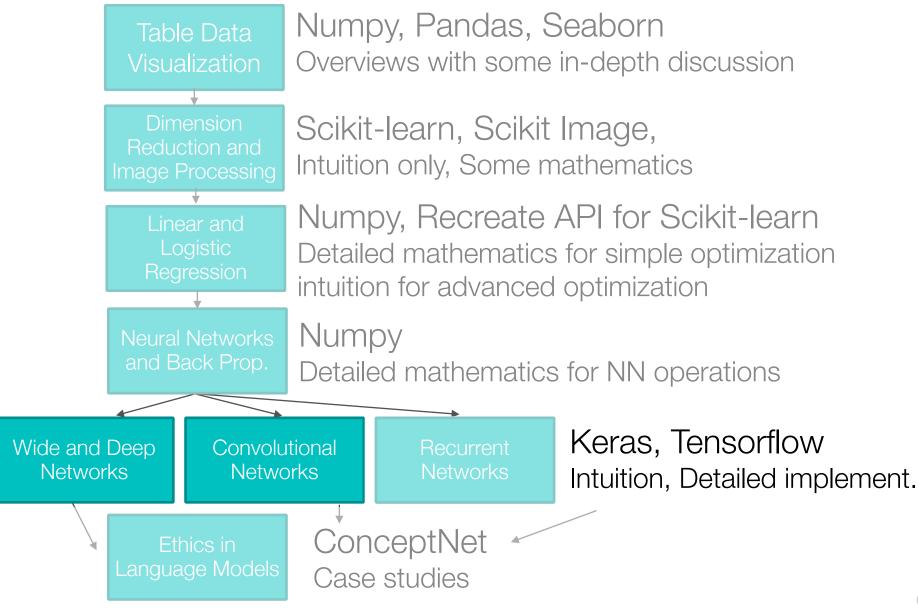
Professor Eric Larson

Wide and Deep Networks Deep Dive

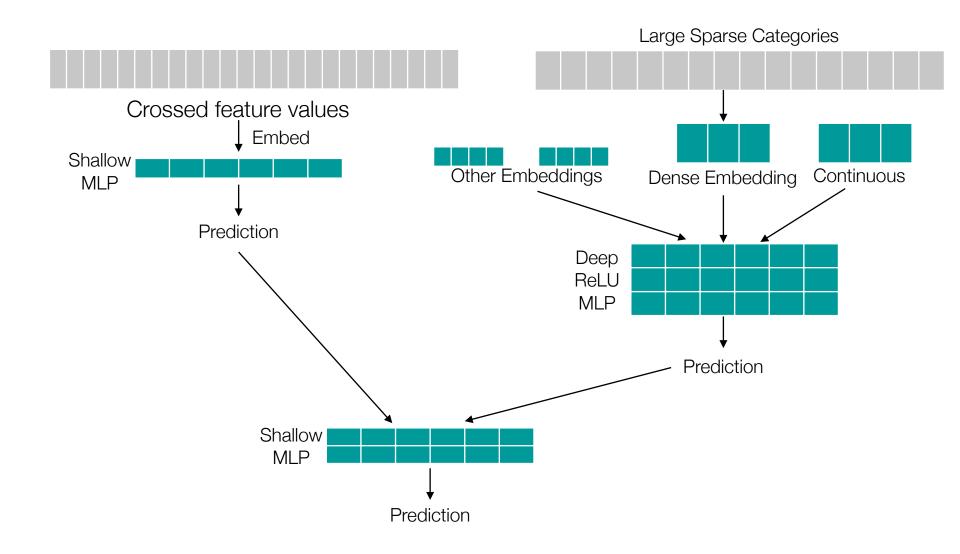
## **Logistics and Agenda**

- Logistics
  - Wide/Deep due soon!
  - · late turn in...?
- · Agenda
  - Wide/Deep Finish Demo and Town Hall
  - Basic CNN architectures and Demo

# Class Overview, by topic



#### **Last Time:**



## Wide and Deep

"Finish" Demo

The Adult Dataset:
Toy Census Data Example

Other tutorials:

https://www.tensorflow.org/tutorials/wide and deep



10a. Keras Wide and Deep as TFData.ipynb

# Town Hall, Wide and Deep Networks



WHEN VISITING A NEW HOUSE, IT'S GOOD TO CHECK WHETHER THEY HAVE AN ALWAYS-ON DEVICE TRANSMITTING YOUR CONVERSATIONS SOMEWHERE.