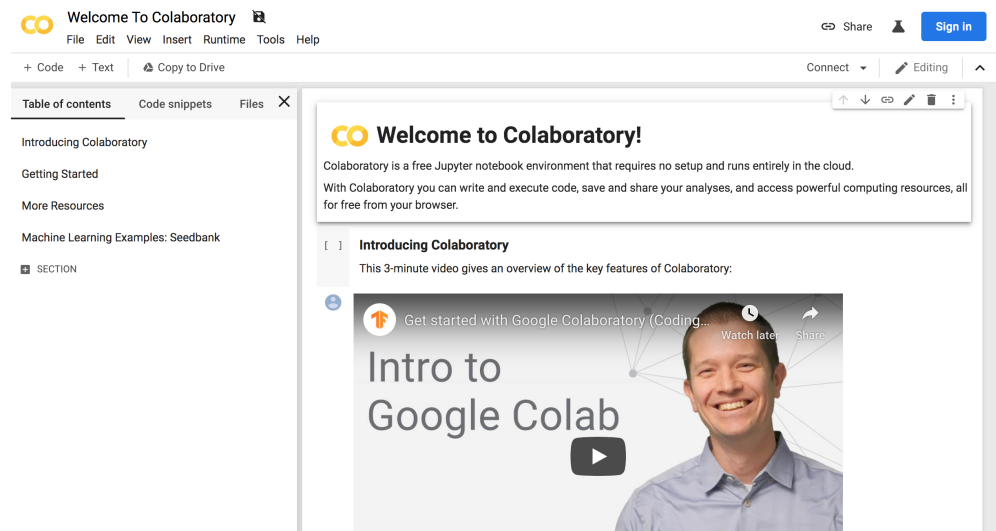


# CS 482/682 Machine Learning: Deep Learning

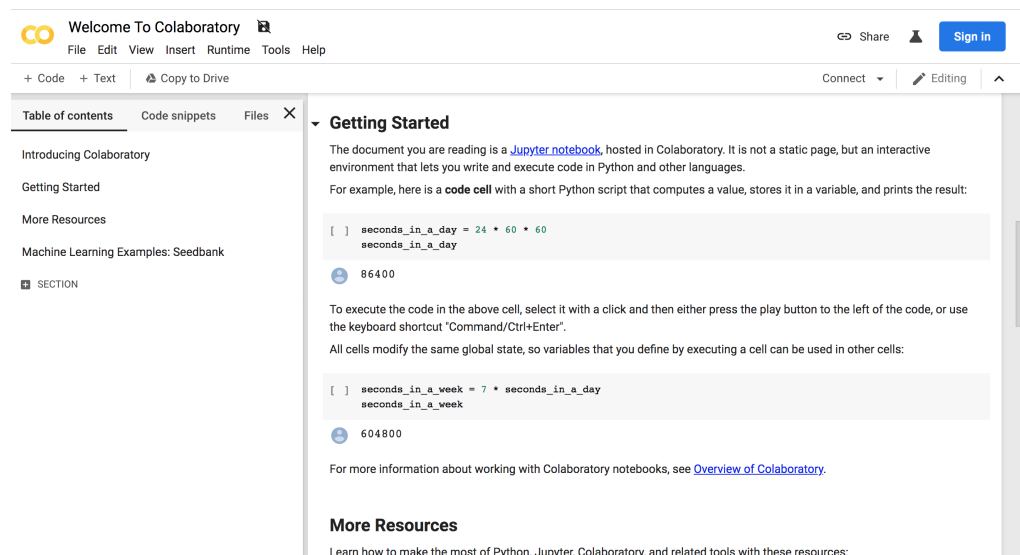
## Google Colab - Getting Started

### 1. Setting up Google Colaboratory:

- Visit <https://colab.research.google.com> and sign in with your preferred gmail account (“Sign In” is the blue button in the upper-right).



- In “Getting Started”, click on and run the ``seconds_in_a_day`` and ``seconds_in_a_week`` code blocks to make sure code is executing properly.



- Feel free to check out “More Resources” if you want to learn more about Colaboratory.

### 2. Running “Colab\_getting\_started.ipynb” notebook:

- Open the “Colab\_getting\_started.ipynb” notebook

- b. As stated in the notebook itself, before starting work,

Click in the upper-left:

*File -> Save a copy in Drive...*

This will start a new personal notebook file that you can save and edit. If you don't do this step and are only executing in "Playground Mode", your progress will not be saved!

- c. Read through and execute the code blocks in the notebook. Make sure you are able to plot an MNIST digit.
- d. Feel free to play around with the MNIST dataset for additional practice.
- e. Software-wise, that's all you need to get started!