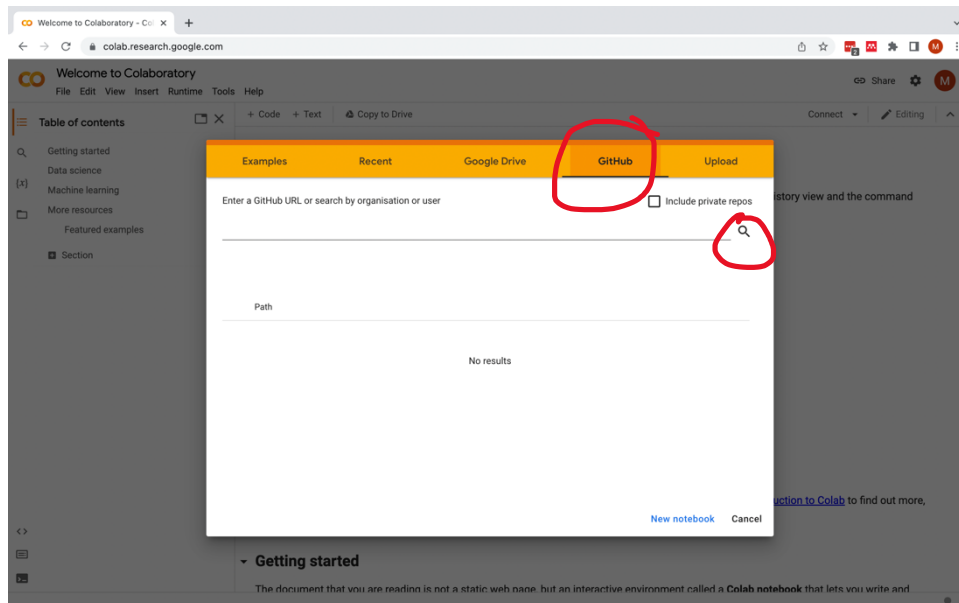
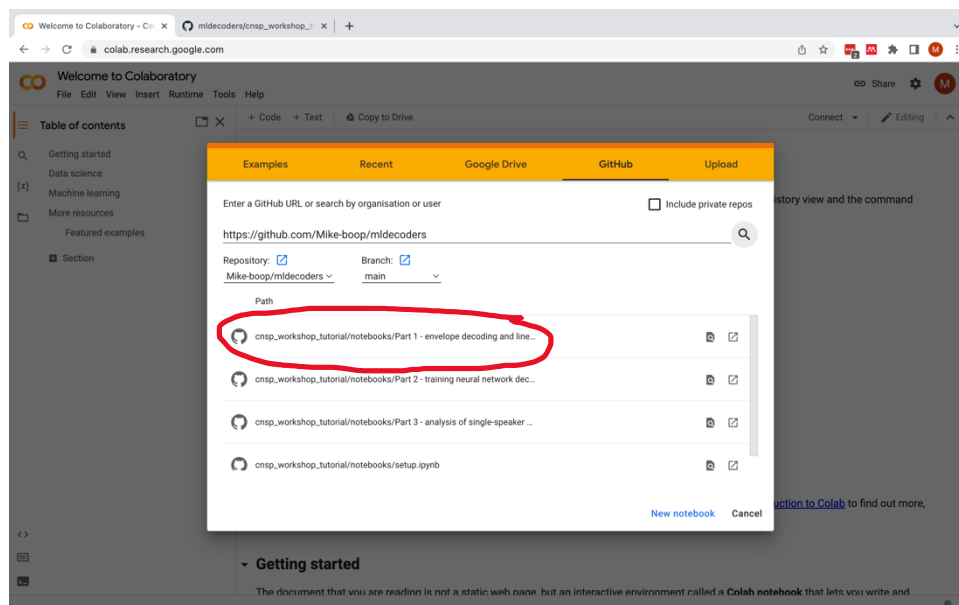


## DNN Decoders setup instructions

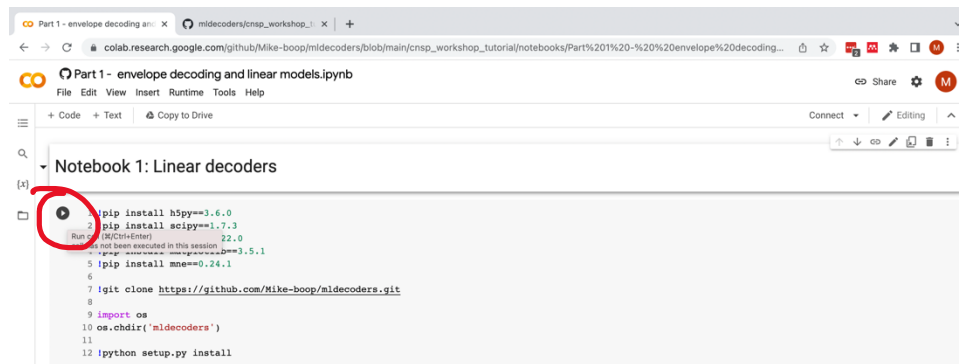
1. Navigate to <https://colab.research.google.com/>



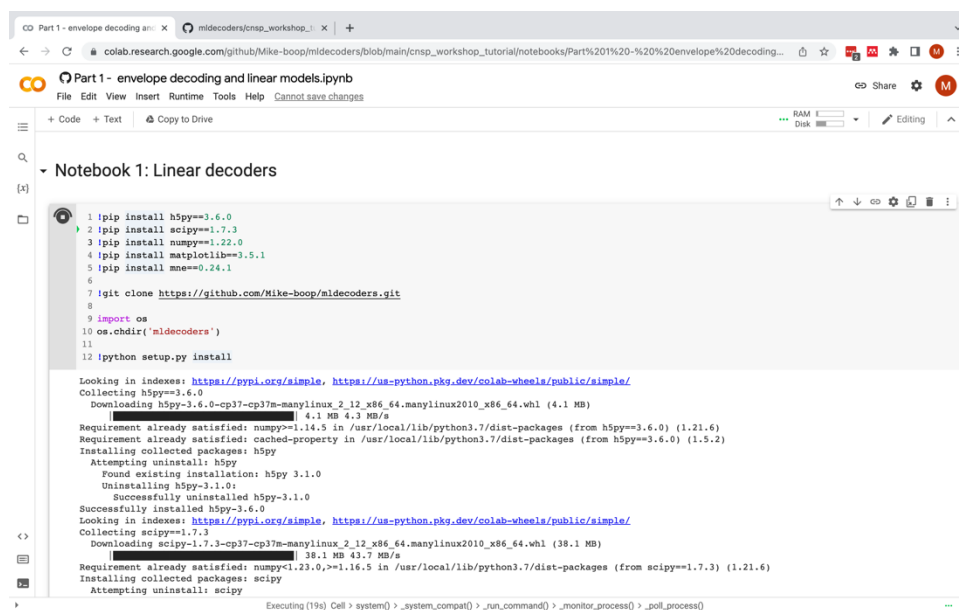
2. In the GitHub tab, type in <https://github.com/Mike-boop/mldecoders> and press the search button.



### 3. Click on the notebook you want to open (start with Part 1)



### 4. Run the first cell to install the necessary dependencies



## 6. Run the next cell to download the dataset

The screenshot shows a Google Colab notebook titled "Part 1 - envelope decoding and linear models.ipynb". The left sidebar displays a file explorer with a folder named "mldecoders" containing "sample\_data" and "data.h5". The main code area shows the output of a previous cell, which includes the installation of MLDecoders and its dependencies. A red circle highlights a play button icon next to a new code cell. The code in this cell is as follows:

```
1 # Download the data from the CNSP web server
2 import requests
3 url = 'https://www.data.cnsppworkshop.net/data/thornton_data/data.h5'
4 r = requests.get(url)
5 open('data.h5', 'wb').write(r.content)
6 data_dir = 'data.h5'
```

Below this cell, another code cell is partially visible, containing imports for IPython, scipy, and matplotlib:

```
[ ] 1 from IPython.display import Audio, display, Image
2 from scipy.signal import hilbert
3 from scipy.io import wavfile
4 import matplotlib.pyplot as plt
```

The bottom status bar indicates that the notebook has 44s of runtime and is completed at 20:17.