

# Bibliography

## Data resources:

- 1 <https://ai.googleblog.com/2017/08/launching-speech-commands-dataset.html>
- 2 <https://towardsdatascience.com/a-data-lakes-worth-of-audio-datasets-b45b88cd4ad>
- 3 <https://www.oreilly.com/library/view/hands-on-machine-learning/9781492032632/>

## Librosa resources:

- 4 <https://librosa.org/>
- 5 <https://github.com/librosa/tutorial>
- 6 [https://musicinformationretrieval.com/ipython\\_audio.html](https://musicinformationretrieval.com/ipython_audio.html)
- 7 <https://dawenl.github.io/publications/McFee15-librosa.pdf>
- 8 <https://www.kaggle.com/c/freesound-audio-tagging/discussion/54082>

## Signal processing resources:

- 9 [http://mir.ilsp.gr/harmonic\\_percussive\\_separation.html](http://mir.ilsp.gr/harmonic_percussive_separation.html)
- 10 <http://practicalcryptography.com/miscellaneous/machine-learning/guide-mel-frequency-cepstral-coefficients-mfccs/>
- 11 [https://link.springer.com/content/pdf/10.1007%2F978-3-540-87391-4\\_44.pdf](https://link.springer.com/content/pdf/10.1007%2F978-3-540-87391-4_44.pdf)
- 12 <https://link.springer.com/content/pdf/bbm%3A978-3-319-03116-3%2F1.pdf>

## Existing audio recognition projects and research:

- 13 <http://proceedings.mlr.press/v48/amodei16.pdf>
- 14 <https://medium.com/@mikesmales/sound-classification-using-deep-learning-8bc2aa1990b7>
- 15 [http://www.justinsalamon.com/uploads/4/3/9/4/4394963/salomon\\_urbansound\\_acmmm14.pdf](http://www.justinsalamon.com/uploads/4/3/9/4/4394963/salomon_urbansound_acmmm14.pdf)
- 16 <http://machine-listening.eecs.qmul.ac.uk/bird-audio-detection-challenge-results/>
- 17 [http://c4dm.eecs.qmul.ac.uk/events/badchallenge\\_results/](http://c4dm.eecs.qmul.ac.uk/events/badchallenge_results/)
- 18 <https://www.analyticsvidhya.com/blog/2019/07/learn-build-first-speech-to-text-model-python/>
- 19 <https://haythamfayek.com/2016/04/21/speech-processing-for-machine-learning.html>\*
- \*for conclusion
- 20 <https://towardsdatascience.com/how-i-understood-what-features-to-consider-while-training-audio-files-eedfb6e9002b>
- 21 <https://www.intechopen.com/books/from-natural-to-artificial-intelligence-algorithms-and-applications/convolutional-neural-networks-for-raw-speech-recognition>
- 22 <https://arxiv.org/pdf/1701.02720.pdf>
- 23 <http://cs229.stanford.edu/proj2017/final-reports/5244201.pdf>
- 24 <https://musicinformationretrieval.com/mfcc.html>
- 25 <https://towardsdatascience.com/how-i-understood-what-features-to-consider-while-training-audio-files-eedfb6e9002b>