**How to Run Code:**

Use this code to rebuild Neural Network. Where it says to load data for new speakers you can have your own data. Or use this folder with data. Load weights from this link.

Code-<https://github.com/hamzag95/voice-classification/blob/master/neural_networks/SVM%20TF%20clean.ipynb>

Data- <https://github.com/hamzag95/voice-classification/tree/master/scripts/demo/lang_example_90>.

Load weights from here: <https://github.com/hamzag95/voice-classification/blob/master/scripts/demo/my_model_weights.h5>

This should work and give you an accuracy score. One key thing to remember about the data is that its actually an image of a spectrogram, not a spectrogram. Spectrograms are 2D in nature, but saving a png of it makes it 3D, with the third channel being color.