To run the code, you need to:

install required packages:

pip install numpy pandas tensorflow tensorflow-probability scipy scikit-learn matplotlib mne

pip install tensorflow-probability

* + Add your real EEG datasets (CHB-MIT, TUH, Bonn)
  + Adjust input shapes based on your specific data dimensions
  + Tune hyperparameters further for optimal performance
  + Add specific data augmentation techniques
  + Implement the exact architecture details (number of layers, units, etc.)

The code assumes EEG data is in shape (samples, timepoints, channels) and adjacency matrices are (samples, channels, channels).