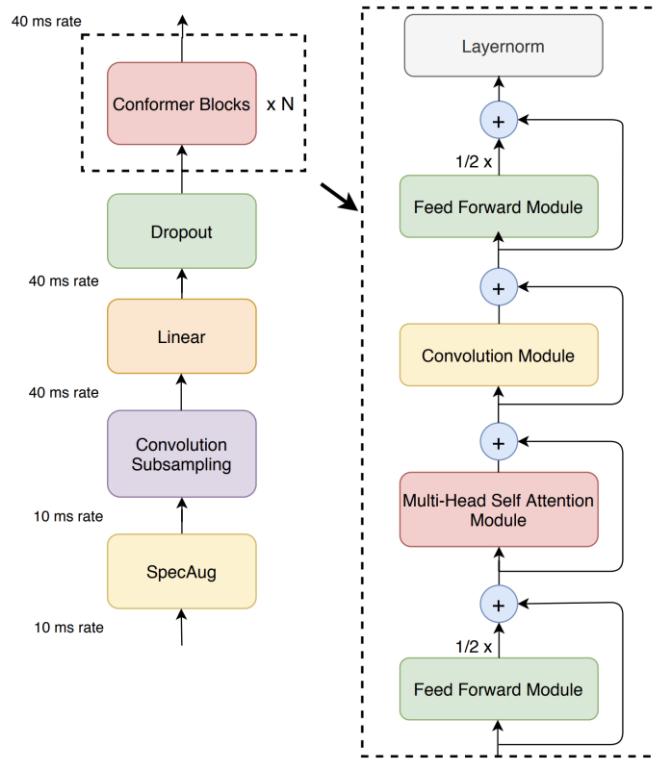


1. Make a brief introduction about one of the variant of Transformer, and use a image of the structure of the model to help explain (2 pts)

Conformer combine convolution neural networks and transformers to model both local and global dependencies in a parameter-efficient way.



2. Briefly explain what's the advantages of this variant under certain situations. (2 pts)

Transformer models are good at capturing content-based global interactions, while CNNs exploit local features effectively.

As answer1, Conformer combine convolution neural networks and transformers, hope to get advantage form both model.

REF:

<https://github.com/soofware/conformer>