ANet+LSTM model architecture

Input LayerShape: (time steps, features)

↓

LSTM Encoder(Units: lstm_units)

↓

Dense Latent Space(Latent Dim: latent_dim)

↓

Repeat Vector(Replicate Latent Dim)

↓

LSTM Decoder(Units: lstm_units)

↓

Time Distributed Dense(Output: features)

↓

Output LayerShape: (time steps, features)