

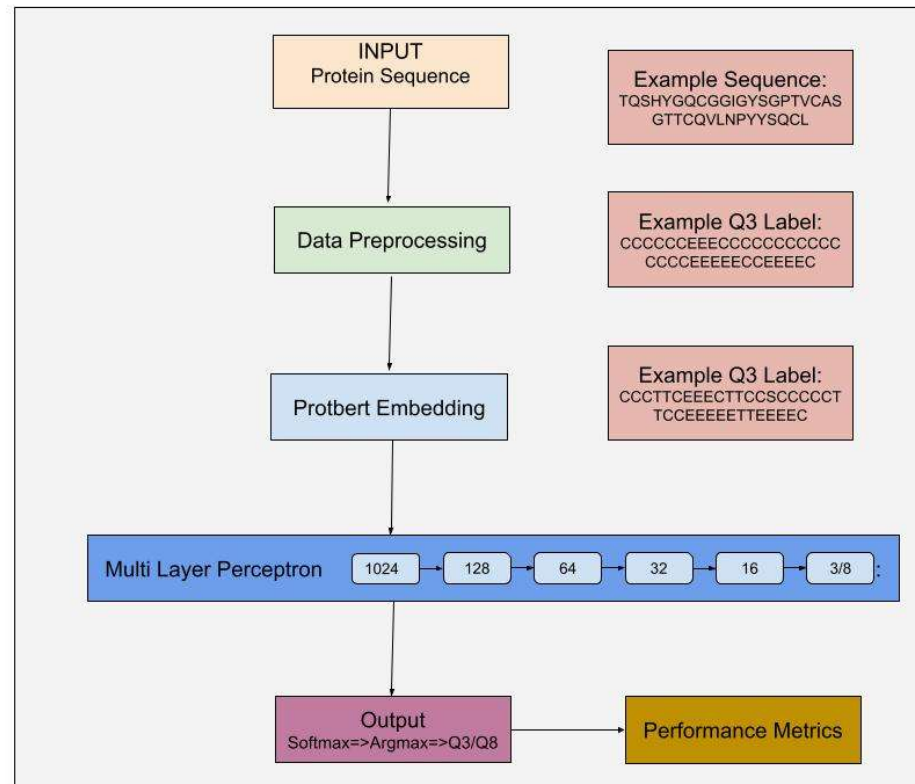


TOPIC

PROTEIN SECONDARY STRUCTURE PREDICTION (PSSP)



ARCHITECTURE





RESULTS

Q8 Results and comparison with Other SOTA models

Models/Datasets	CASP12	TS115
DeepProtVec	49.7%	54.4%
ESM-1b	66%	73.4%
TransConv	71.3%	79.1%
AttSec	70.6%	78.5%
ProtBert	42.0%	77.0%

Q3 and Q8 Results

Datasets	CASP12	TS115	NetSurfP2.0
Q3	51.0%	63.0%	79.4%
Q8	42.0%	77.0%	68.7%