**23100080**

**Speech Processing**

**Group-8**

***Notebook Link:***

<https://huggingface.co/shumail/wav2vec2-base-timit-demo-colab>

***Model Parameters:***

- learning\_rate: 01e-4

- train\_batch\_size: 8

- eval\_batch\_size: 8

- seed: 42

- optimizer: Adam with betas=(0.9,0.999) and epsilon=1e-08

- lr\_scheduler\_type: linear

- lr\_scheduler\_warmup\_steps: 1000

- num\_epochs: 30

- mixed\_precision\_training: Native AMP

- weight\_decay = 0.005

***Best 20 Predicted Samples: (next page)***

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