**PEGASUS\_Exploration\_v1**

trainer\_args = TrainingArguments(

    output\_dir='pegasus-samsum',

    num\_train\_epochs=10,

    warmup\_steps=200,

    per\_device\_train\_batch\_size=1,

    per\_device\_eval\_batch\_size=1,

    weight\_decay=0.01,

    logging\_steps=10,

    evaluation\_strategy='steps',

    eval\_steps=50,

    save\_steps=1e6,

    gradient\_accumulation\_steps=16

)

**PEGASUS\_Exploration\_v2**

trainer\_args = TrainingArguments(

    output\_dir='pegasus-samsum',

    num\_train\_epochs=4,

    warmup\_steps=200,

    per\_device\_train\_batch\_size=1,

    per\_device\_eval\_batch\_size=1,

    weight\_decay=0.01,

    logging\_steps=10,

    evaluation\_strategy='steps',

    eval\_steps=50,

    save\_steps=1e6,

    gradient\_accumulation\_steps=16

)