training\_args = Seq2SeqTrainingArguments(

output\_dir="./results",

eval\_strategy="epoch",

learning\_rate=5e-5,

per\_device\_train\_batch\_size=8,

per\_device\_eval\_batch\_size=8,

weight\_decay=0.01,

save\_total\_limit=3,

num\_train\_epochs=6,

predict\_with\_generate=True,

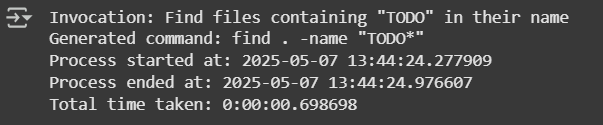
fp16=True, # Use mixed precision training (if your GPU supports it)

report\_to="tensorboard",

logging\_dir="./logs",

)

{'eval\_loss': 1.035720705986023, 'eval\_model\_preparation\_time': 0.003, 'eval\_bleu': 0.3355993666779775, 'eval\_rouge1': 0.6767583744174921, 'eval\_rouge2': 0.4709384526980172, 'eval\_rougeL': 0.6573565658875855, 'eval\_exact\_match': 0.09758454106280193, 'eval\_runtime': 228.979, 'eval\_samples\_per\_second': 9.04, 'eval\_steps\_per\_second': 1.131}



**For 6 epochs**

**For 10 epochs**

**training\_args = Seq2SeqTrainingArguments(**

**output\_dir="./results",**

**eval\_strategy="epoch",**

**learning\_rate=5e-5,**

**per\_device\_train\_batch\_size=8,**

**per\_device\_eval\_batch\_size=8,**

**weight\_decay=0.01,**

**save\_total\_limit=3,**

**num\_train\_epochs=10,**

**predict\_with\_generate=True,**

**fp16=True, # Use mixed precision training (if your GPU supports it)**

**report\_to="tensorboard",**

**logging\_dir="./logs",**

**)**

{'eval\_loss': 0.9577684998512268, 'eval\_model\_preparation\_time': 0.0044, 'eval\_bleu': 0.3603688455093338, 'eval\_rouge1': 0.7023201503071155, 'eval\_rouge2': 0.4992562044053831, 'eval\_rougeL': 0.6818443200623971, 'eval\_exact\_match': 0.11835748792270531, 'eval\_runtime': 222.2273, 'eval\_samples\_per\_second': 9.315, 'eval\_steps\_per\_second': 1.165}

