

DML with Gcloud

gcloud spanner databases execute-sql banking-db --instance=banking-instance \

--sql="INSERT INTO Customer (CustomerId, Name, Location) VALUES ('bdaaaa97-1b4b-4e58-b4ad-84030de92235', 'Richard Nelson', 'Ada Ohio')"

**Insert data through a client library**

nano insert.py

from google.cloud import spanner

from google.cloud.spanner\_v1 import param\_types

INSTANCE\_ID = "banking-instance"

DATABASE\_ID = "banking-db"

spanner\_client = spanner.Client()

instance = spanner\_client.instance(INSTANCE\_ID)

database = instance.database(DATABASE\_ID)

def insert\_customer(transaction):

row\_ct = transaction.execute\_update(

"INSERT INTO Customer (CustomerId, Name, Location)"

"VALUES ('b2b4002d-7813-4551-b83b-366ef95f9273', 'Shana Underwood', 'Ely Iowa')"

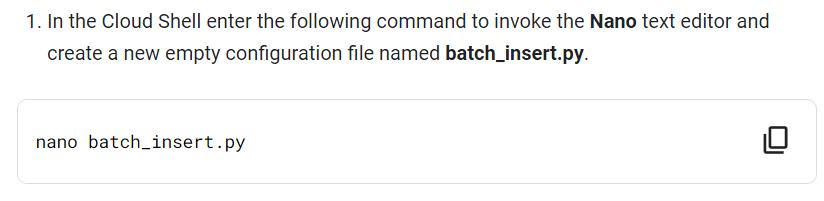
)

print("{} record(s) inserted.".format(row\_ct))

database.run\_in\_transaction(insert\_customer)

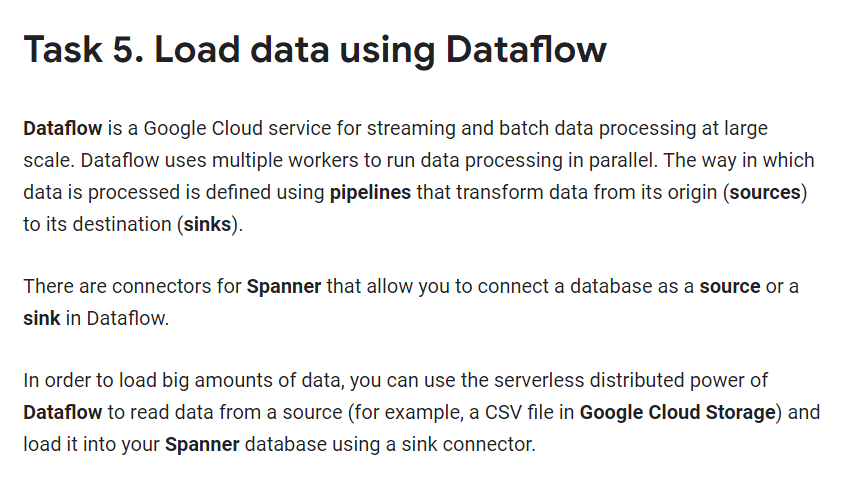


## Insert batch data through a client library





python3 batch\_insert.py

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