

hjmvlqbjk

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[1]: import os
import pandas as pd
from sqlalchemy import create_engine
import logging
import time
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[3]: # Logging config
logging.basicConfig(
    filename="logs/ingestion_db.log",
    level=logging.DEBUG,
    format="%(asctime)s - %(levelname)s - %(message)s",
    filemode="a"
)
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[5]: engine = create_engine('sqlite:///inventory.db')
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[7]: def ingest_db(df, table_name, engine):
    df.to_sql(table_name, con=engine, if_exists='replace', index=False)
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[9]: def load_raw_data():
    start = time.time()
    for file in os.listdir('data'):
        if file.endswith('.csv'):
            df = pd.read_csv(f'data/{file}')
            logging.info(f'Ingesting {file} in db')
            ingest_db(df, file[:-4], engine)
    end = time.time()
    total_time = (end - start) / 60
    logging.info("-----Ingestion complete-----")
    logging.info(f'\nTotal Time taken: {total_time} minutes')
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[ ]: load_raw_data()
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