

```

from airflow.models import DAG

from airflow.operators.bash_operator import BashOperator

from airflow.utils.dates import days_ago


default_args = {

    'owner': 'ITVersity, Inc',

    'start_date': days_ago(2)

}


dag = DAG(

    dag_id='etl_demo_101',

    default_args=default_args,

    schedule_interval='0 0 * * *',

    catchup=False

)


create_orders_dir = BashOperator(

    task_id='create_orders_dir',

    bash_command='mkdir -p /tmp/orders',

    dag=dag

)


create_customers_dir = BashOperator(

    task_id='create_customers_dir',

    bash_command='mkdir -p /tmp/customers',

    dag=dag

```

)

```
create_join_dir = BashOperator(  
    task_id='create_join_dir',  
    bash_command='mkdir -p /tmp/join_orders_and_customers',  
    dag=dag  
)
```

```
get_orders_from_mysql = BashOperator(  
    task_id='get_orders_from_mysql',  
    bash_command='/home/dgadiraju/airflow/dags/fetch_orders.sh ',  
    dag=dag  
)
```

```
get_customers_from_pg = BashOperator(  
    task_id='get_customers_from_pg',  
    bash_command='export CUSTOMER_DB_USER=retail_user;export  
CUSTOMER_DB_PASS=itversity;/home/dgadiraju/etl-demo/etl-demo-env/bin/python  
/home/dgadiraju/etl-demo/app.py dev CUSTOMER_DB customers',  
    dag=dag  
)
```

```
join_orders_and_customers = BashOperator(  
    task_id='join_orders_and_customers',  
    bash_command='/home/dgadiraju/etl-demo/etl-demo-env/bin/python  
/home/dgadiraju/etl-demo/process.py',  
    dag=dag
```

```
)
```

```
drop_orders_dir = BashOperator(  
    task_id='drop_orders_dir',  
    bash_command='rm -rf /tmp/orders',  
    dag=dag  
)
```

```
drop_customers_dir = BashOperator(  
    task_id='drop_customers_dir',  
    bash_command='rm -rf /tmp/customers',  
    dag=dag  
)
```

```
create_orders_dir >> get_orders_from_mysql >> join_orders_and_customers  
create_customers_dir >> get_customers_from_pg >> join_orders_and_customers  
create_join_dir >> join_orders_and_customers
```

```
join_orders_and_customers >> drop_orders_dir  
join_orders_and_customers >> drop_customers_dir
```

```
if __name__ == "__main__":  
    dag.cli()
```