1. **DATA EXFILTRATION  
     
   Requirement:** Transfer data from postgres to local using Chaos Mesh through Network Chaos.

**Steps:**

1. Injected **Network Chaos YAML**.
2. Executed **postgres-exec-job.YAML**.
3. Need to **Transfer Data**----using command—manual

Monitor exfiltration using **Monitor Exfiltration YAML**.  
  
kubectl cp ps/postgres-6948685f89-c9zsp:tmp/transactions.csv /root/kalyanib/ -n ps  
  
command to login to the DB pod

**psql -U postgres -d postgres  
  
get all records from the transactions table:**SELECT \* FROM transactions;  
  
 **Need to insert data**INSERT INTO transactions (id, user\_id, amount, transaction\_date)

VALUES

(10, 110, 320.00, '2025-02-05 13:30:00'),

(11, 111, 450.00, '2025-02-05 13:40:00'),

(12, 112, 680.50, '2025-02-05 13:50:00'),

(13, 113, 920.75, '2025-02-05 14:00:00'),

(14, 114, 300.25, '2025-02-05 14:10:00');  
  
Testing   
INSERT INTO transactions (id, user\_id, amount, transaction\_date)

VALUES

(15, 115, 550.00, '2025-02-05 14:20:00'),

(16, 116, 275.50, '2025-02-05 14:30:00');

**\d transactions  
  
final steps  
  
Now, I need to injectnetwork chaos yaml**kubectl apply -f injectNetworkchaos.yaml -n ps  
  
kubectl apply -f postgres-exec-job.yaml -n ps

**kubectl cp ps/postgres-6948685f89-c9zsp:/tmp/transactions.csv /home/kalyanib/ -n ps**