



KubeSummit 2026

用 Kubernetes 打造 AI Ready 的資料平台

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寬橋有限公司 Brobridge

 **BROBRIDGE**®
PRODUCTS &
PROFESSIONAL SERVICE

關於我



CNCF Kubestronaut 認證



專精 K8s 高可用架構設計與建置



叢集疑難診斷與故障排除實戰經驗



金融、政府、醫療核心系統容器化落地



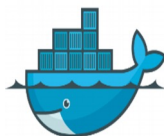
維運支援與教育訓練，陪伴組織雲原生轉型



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AGENDA

01

K8s 之上的資料整合平台

02

實作環節





1

K8S 之上的資料整合平台

DATA INTEGRATION PLATFORM ON KUBERNETES

Kubernetes - 能力

Service Discovery and Load Balancing :

Kubernetes 讓你在 cluster 內找到並存取 service，並自動將流量分散到該 service 背後的多個 Pod。

Storage Orchestration :

可自動掛載你選用的儲存系統，讓 containerized application 的永久儲存更好管理。

Declarative Configuration :

Kubernetes 採宣告式做法：你只要定義應用程式的期望狀態，其餘交由 Kubernetes 達成。

Automation :

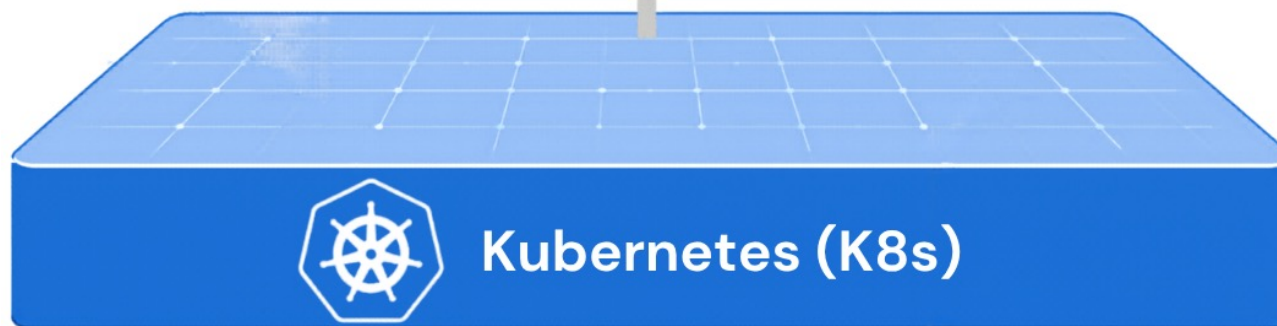
Kubernetes 自動處理 containerized application 應用程式的多數維運工作，例如部署、擴充規模與 rolling update。

Extensibility :

Kubernetes 本身即以可擴充為設計目標，能自行加入客製功能與各種整合。

資料平台跑在哪裡？

K8s之上的資料整合平台



實際情境



痛點

資料孤島

門診、住院、用藥各有自己的資料系統，醫師想了解一位病患時，卻沒有一個統整性的答案

搬資料太痛

為了整合不同系統的資料，只能透過 ETL 搬來搬去，不只慢、資料不即時，還需要持續維護

取得資料繁瑣

想取得一個跨系統的答案，往往還得請 IT 協助整合，從提出需求到拿到資料可能要等上好幾天甚至幾週

源頭資料庫被拖垮

每一次查詢、每一筆 API 請求都直接打到源頭系統，請求一多，就可能影響原本系統的效能

直連源頭資料庫

外部服務不再直接觸及源頭資料庫，而是透過 Plasma 取得資料，降低源頭系統直接暴露的風險

關於我

-  CNCF Kubestronaut 認證
-  專精 K8s 高可用架構設計與建置
-  叢集疑難診斷與故障排除實戰經驗
-  金融、政府、醫療核心系統容器化落地
-  維運支援與教育訓練，陪伴組織雲原生轉型



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2



實作環節

HANDS-ON IMPLEMENTATION

住院病人在用哪些藥？

醫生問：「這些住院病人現在都在用哪些藥？幫我把住院病人的用藥紀錄整理出來。」

資料散落在不同資料庫：

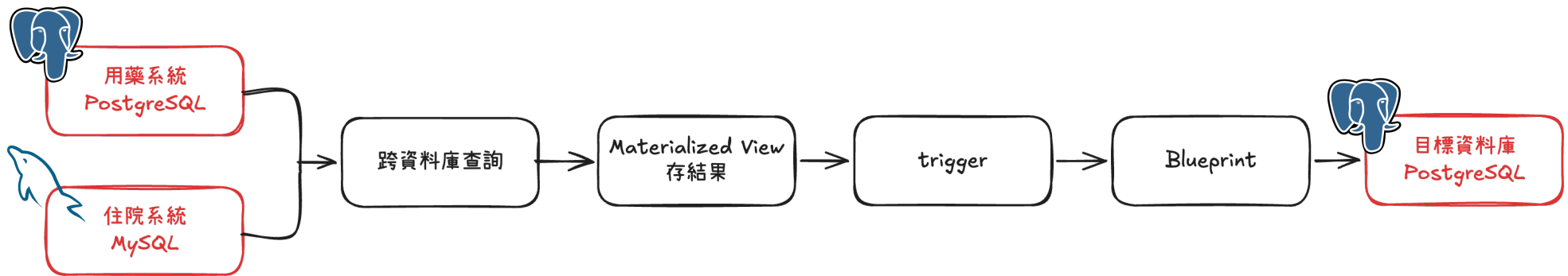
用藥系統 PostgreSQL

- 用藥明細
- 藥名
- 給藥日期

住院系統 MySQL

- 病人是誰
- 性別
- 哪個病區

流程



登入



Every Team. Every Data Source. One Integrated Platform.

Explore, transform, and automate data workflows across all your systems — so insights reach the people who need them.

● All systems operational · v0.0.36



Sign in

Welcome back. Enter your credentials to continue.

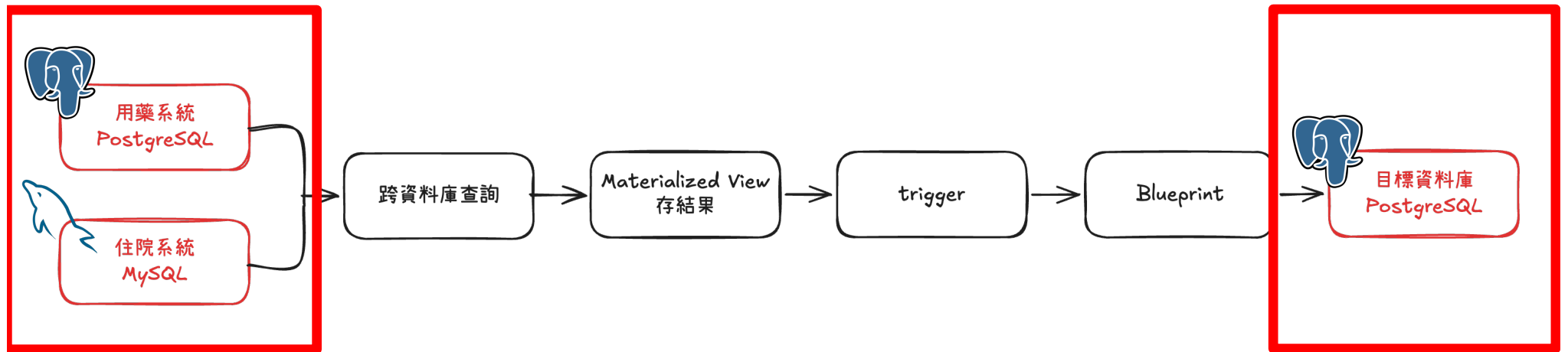
Email or Username

Password

Sign in

Need access? [Contact your administrator](#)

流程



Click Database & Add Database

Connect Database

PLASMA
DATA PLATFORM

OVERVIEW

Dashboard

GENERAL

Data Catalog

Database

SQL Playground

Data Product

STREAMING

Streaming Pipeline

VIEW

View

Materialized View

Parameterized View

Database

Database Connections Updated 17:02:39

Configure and maintain database connections

+ Add Database

Search

10 rows

Filter

Refresh

Name ↑	Description	Status	Type ↑↓	Host
No data available				

BRIDGE

Connect PostgreSQL Database

 Add Database ×

Name ⓘ
pg_rx

Database Type
PostgreSQL ▾

Description
用藥紀錄資料庫

Host
pg-erp.starbridge-erp.svc.cluster.local

Port
5432

Database Name
erp

Schema

Username

Password
.....

Connected

Verify Connection

Save



Name:

pg_rx

Database Type:

PostgreSQL

Description:

用藥紀錄資料庫

Host:

pg-erp.starbridge-erp.svc.cluster.local

Port:

5432

Database Name:

erp

Username:

(同 Plasma 帳號)

Password:

(同 Plasma 密碼)

Connect MySQL(MariaDB) Database

 Add Database ×

Name ⓘ
mysql_adm

Database Type
MySQL(MariaDB) ▾

Description
住院病人系統資料庫

Host
mysql-crm.starbridge-crm.svc.cluste

Port
3306

Database Name
crm

Username

Password
.....

● Connected

Verify Connection

Save



1

2

Name:

mysql_adm

Database Type:

MySQL(MariaDB)

Description:

住院病人系統資料庫

Host:

mysql-crm.starbridge-crm.svc.cluster.local

Port:

3306

Database Name:

crm

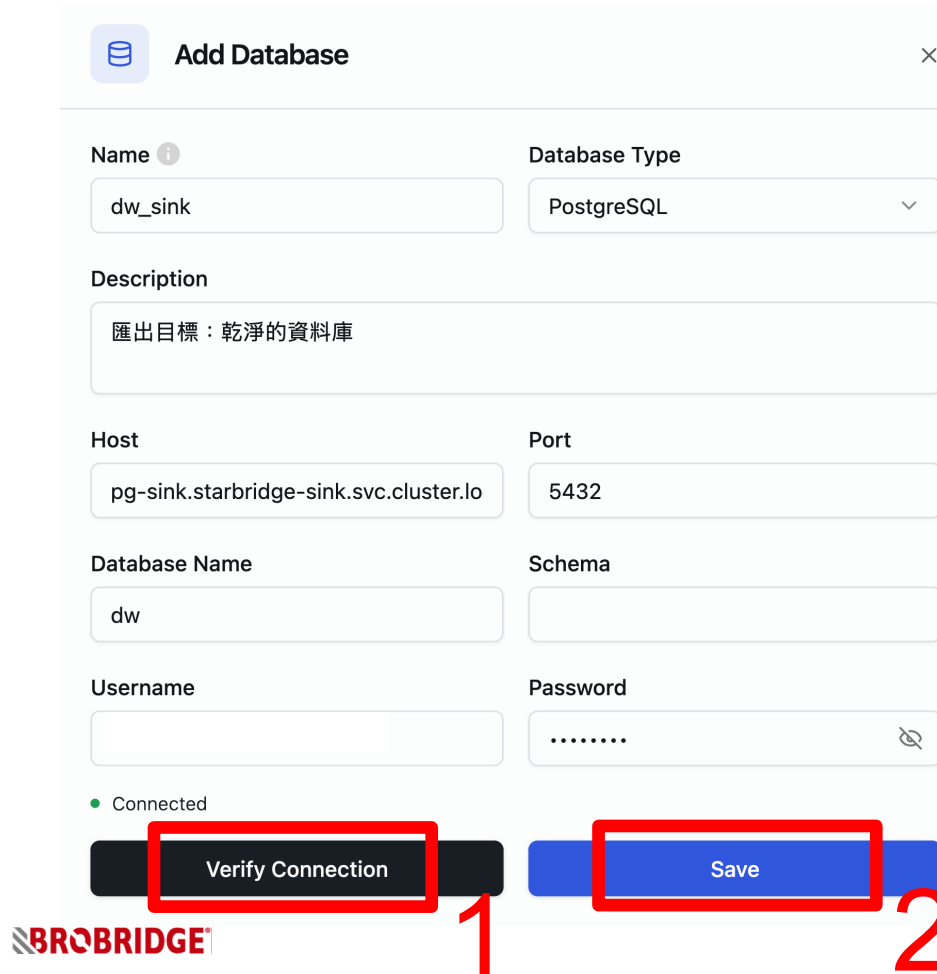
Username:

(同 Plasma 帳號)

Password:

(同 Plasma 密碼)

Connect PostgreSQL Database



Add Database

Name *i*: dw_sink

Database Type: PostgreSQL

Description: 匯出目標：乾淨的資料庫

Host: pg-sink.starbridge-sink.svc.cluster.lo

Port: 5432

Database Name: dw

Schema:

Username:

Password:

Connected

1 Verify Connection **2** Save

STARBRIDGE

Name:

dw_sink

Database Type:

PostgreSQL

Description:

匯出目標：乾淨的資料庫

Host:

pg-sink.starbridge-sink.svc.cluster.local

Port:

5432

Database Name:

dw

Username:

(同 Plasma 帳號)

Password:

(同 Plasma 密碼)

Database Connection 連線完成



OVERVIEW

 Dashboard

GENERAL

 Data Catalog

 **Database**

 SQL Playground

 Data Product

STREAMING

 Streaming Pipeline

VIEW

 View

 Materialized View

 Parameterized View

Database

user_user50

Database Connections

Updated 15:42:12

Configure and maintain database connections

[+ Add Database](#)

10 rows

Filter

Refresh

Name ↑	Description	Status	Type ↑↓	Host ↑↓
dw_sink	匯出目標：乾淨的資料庫	Ready	PostgreSQL	pg-sink.starbridge-sink.svc.cluster.local
mysql_adm	住院病人系統資料庫	Ready	MySQL (MariaDB)	mysql-crm.starbridge-crm.svc.cluster.local
pg_rx	用藥紀錄資料庫	Ready	PostgreSQL	pg-erp.starbridge-erp.svc.cluster.local

Showing 1-3 of 3 records

< 1 >

Database Connection 連線完成



統一資料庫管理

所有跨資料庫的查詢、邏輯運算、還有對外的服務，在連線資料庫之後由 Plasma作為統一的入口與出口



集中管理 | 異質資料庫連接 | 狀態可視 | 後續能力的起點

查看資料庫的 Table



OVERVIEW

Dashboard

GENERAL

Data Catalog

Database

SQL Playground

Data Product

STREAMING

Streaming Pipeline

VIEW

Materialized View

Parameterized View

Database

user_user50

Database Connections

Updated 16:25:08

Configure and maintain database connections

+ Add Database

10 rows

Filter

Refresh

Name ↑	Host ↑↓	Port ↑↓	Update Time ↑↓	Actions
dw_sink	pg-sink.starbridge-sink.svc.cluster.local	5432	2026/09/09 15:38:07	Tables
mysql_adm	mysql-crm.starbridge-crm.svc.cluster.local	3306	2026/09/09 15:39:31	
pg_rx	pg-erp.starbridge-erp.svc.cluster.local	5432	2026/09/09 15:32:30	

Showing 1-3 of 3 records

< 1 >

查看資料庫的 Data & Schema

The screenshot shows the PLASMA Data Platform interface. The left sidebar contains navigation links: OVERVIEW, Dashboard, GENERAL (Data Catalog, Database, Detail), SQL Playground, Data Product, STREAMING (Streaming Pipeline), VIEW (View, Materialized View, Parameterized View). The main content area shows the 'mysql_adm' database details. The 'Tables' tab is active, displaying a table named 'patients' with 6 columns and a last synced time of 2026/09/09 15:39:31. The 'Actions' column for the 'patients' table contains two buttons: 'View Data' and 'View Schema', both highlighted with red boxes. The 'View Data' button is annotated with 'View Data' in red text, and the 'View Schema' button is annotated with 'View Schema' in red text.

Database > Detail

user_user50

mysql_adm Ready

General Tables

Tables

Search Refresh

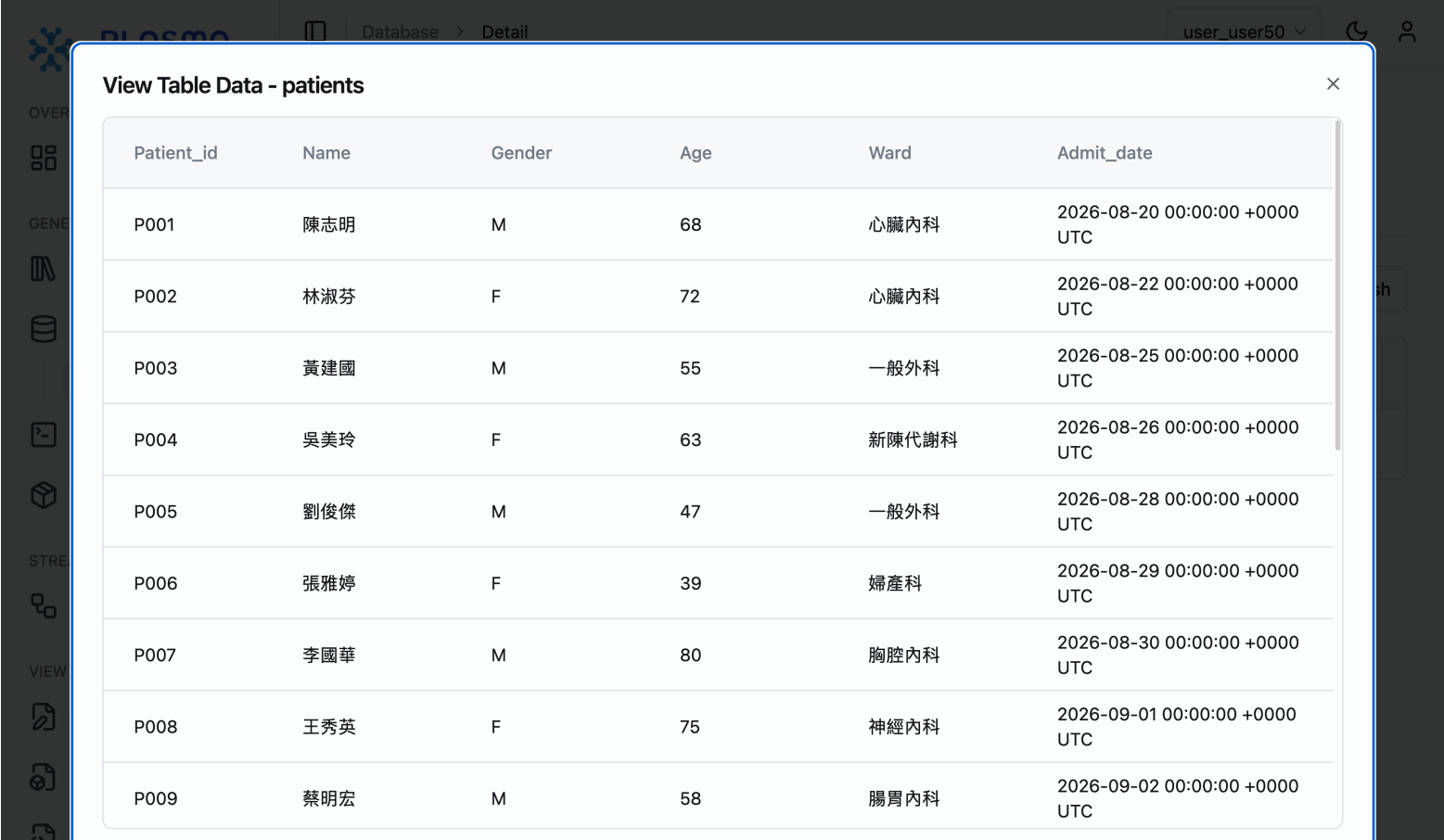
Table Name	Columns	Last Synced Time	Actions
patients	6	2026/09/09 15:39:31	View Data View Schema ...

View Data

View Schema

BROBRIDGE

View Data



The screenshot shows a web-based database management tool. At the top, there's a navigation bar with 'Database' and 'Detail' tabs, and a user profile 'user_user50'. A modal window titled 'View Table Data - patients' is open, displaying a table with 9 rows of patient data. The table has columns for Patient_id, Name, Gender, Age, Ward, and Admit_date. The data is as follows:

Patient_id	Name	Gender	Age	Ward	Admit_date
P001	陳志明	M	68	心臟內科	2026-08-20 00:00:00 +0000 UTC
P002	林淑芬	F	72	心臟內科	2026-08-22 00:00:00 +0000 UTC
P003	黃建國	M	55	一般外科	2026-08-25 00:00:00 +0000 UTC
P004	吳美玲	F	63	新陳代謝科	2026-08-26 00:00:00 +0000 UTC
P005	劉俊傑	M	47	一般外科	2026-08-28 00:00:00 +0000 UTC
P006	張雅婷	F	39	婦產科	2026-08-29 00:00:00 +0000 UTC
P007	李國華	M	80	胸腔內科	2026-08-30 00:00:00 +0000 UTC
P008	王秀英	F	75	神經內科	2026-09-01 00:00:00 +0000 UTC
P009	蔡明宏	M	58	腸胃內科	2026-09-02 00:00:00 +0000 UTC

At the bottom left of the image, there is a logo for 'BROBRIDGE'.

View Schema

The screenshot displays the PLASMA Data Platform interface. On the left is a sidebar with navigation options: OVERVIEW, Dashboard, GENERAL (Data Catalog, Database, Detail, SQL Playground, Data Product), STREAMING (Streaming Pipeline), and VIEW (View, Materialized View, Paramaterized View). The main area shows the 'Database > Detail' view for a MySQL database. A modal window titled 'Table Schema - patients' is open, featuring a search bar and a table of columns. The table has three columns: Column Name, Data Type, and Primary Key. The 'patient_id' column is marked as the primary key with a checkmark. The background interface includes a search bar, a 'Refresh' button, and an 'Actions' section with icons for a table, a document, and a menu.

Column Name	Data Type	Primary Key
patient_id	varchar(10)	✓
name	varchar(50)	
gender	char(1)	
age	integer	
ward	varchar(20)	
admit_date	date	

SQL Playground



OVERVIEW

 Dashboard

GENERAL

 Data Catalog

 Database

 SQL Playground

 Data Product

單一資料庫查詢 (SQL Playground)

MySQL 住院資料庫

```
SELECT p.name AS patient_name,  
       p.ward AS ward  
FROM mysql_adm.patients p  
ORDER BY p.patient_id  
LIMIT 10;
```

PostgreSQL 用藥資料庫

```
SELECT m.patient_id,  
       d.drug_name AS drug_name,  
       m.med_date AS med_date  
FROM pg_rx.med_orders m  
JOIN pg_rx.drug_master d  
      ON d.drug_code = m.drug_code  
WHERE m.status <> '9'  
ORDER BY m.patient_id, m.med_date  
LIMIT 10;
```

SQL Playground



OVERVIEW

Dashboard

GENERAL

Data Catalog

Database

SQL Playground

Data Product

STREAMING

Streaming Pipeline

VIEW

View

Materialized View

Parameterized View

ATOMIC

Atomic Program



SQL Playground

SQL Playground

Explore

Search

Run

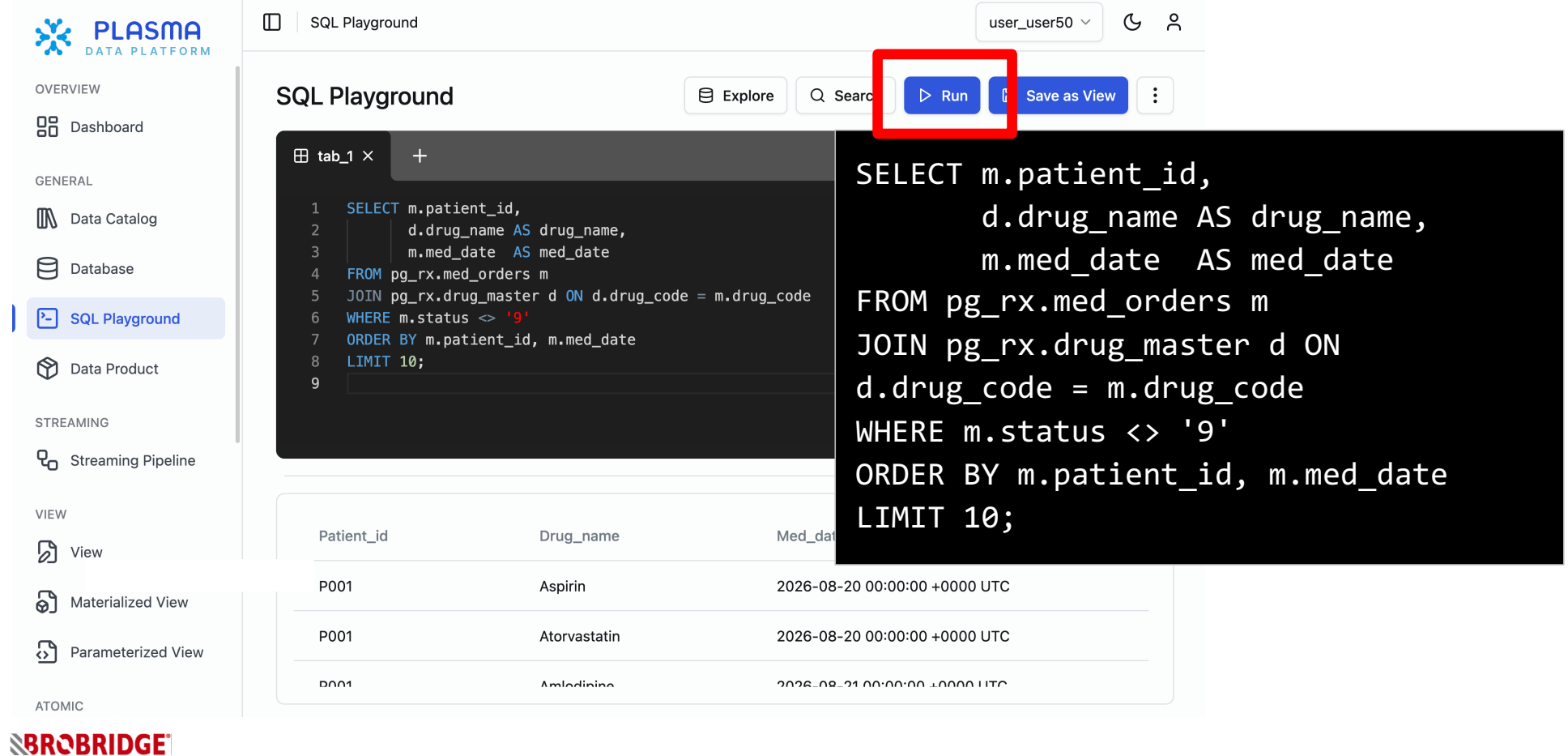
tab_1 × tab_2 × +

```
1 SELECT p.patient_id AS patient_id,  
2     p.name AS patient_name,  
3     p.ward AS ward  
4 FROM mysql_adm.patients p  
5 ORDER BY p.patient_id  
6 LIMIT 10;
```

```
SELECT p.patient_id AS patient_id,  
       p.name AS patient_name,  
       p.ward AS ward  
FROM mysql_adm.patients p  
ORDER BY p.patient_id  
LIMIT 10;
```

Patient_id	Patient_name	
P001	陳志明	心臟內科
P002	林淑芬	心臟內科
P003	黃建國	一般外科
P004	吳美玲	新陳代謝科
P005	劉俊傑	一般外科
P006	張雅婷	婦產科

SQL Playground



PLASMA DATA PLATFORM

OVERVIEW

- Dashboard

GENERAL

- Data Catalog
- Database
- SQL Playground**
- Data Product

STREAMING

- Streaming Pipeline

VIEW

- View
- Materialized View
- Parameterized View

ATOMIC

BROOBRIDGE

SQL Playground

user_user50

Explore Search **Run** Save as View

tab_1 × +

```
1 SELECT m.patient_id,
2       d.drug_name AS drug_name,
3       m.med_date AS med_date
4 FROM pg_rx.med_orders m
5 JOIN pg_rx.drug_master d ON d.drug_code = m.drug_code
6 WHERE m.status <> '9'
7 ORDER BY m.patient_id, m.med_date
8 LIMIT 10;
9
```

```
SELECT m.patient_id,
       d.drug_name AS drug_name,
       m.med_date AS med_date
FROM pg_rx.med_orders m
JOIN pg_rx.drug_master d ON
d.drug_code = m.drug_code
WHERE m.status <> '9'
ORDER BY m.patient_id, m.med_date
LIMIT 10;
```

Patient_id	Drug_name	Med_date
P001	Aspirin	2026-08-20 00:00:00 +0000 UTC
P001	Atorvastatin	2026-08-20 00:00:00 +0000 UTC
P001	Amlodipine	2026-08-21 00:00:00 +0000 UTC

SQL Playground



OVERVIEW

Dashboard

GENERAL

Data Catalog

Database

SQL Playground

Data Product

STREAMING

Streaming Pipeline

VIEW

View

Materialized View

Parameterized View

ATOMIC

Atomic

SQL Playground

SQL Playground

Explore

Search

tab_1 × tab_2 × +

```
1 SELECT p.patient_id AS patient_id,
2       p.name AS patient_name,
3       p.ward AS ward
4 FROM mysql_adm.patients p
5 ORDER BY p.patient_id
6 LIMIT 10;
```

Patient_id	Patient_name
P001	陳志明
P002	林淑芬
P003	黃建國
P004	吳美玲
P005	劉俊傑
P006	張雅婷

SQL Playground

user_user50



SQL Playground

Explore

Search

Run

Save as View

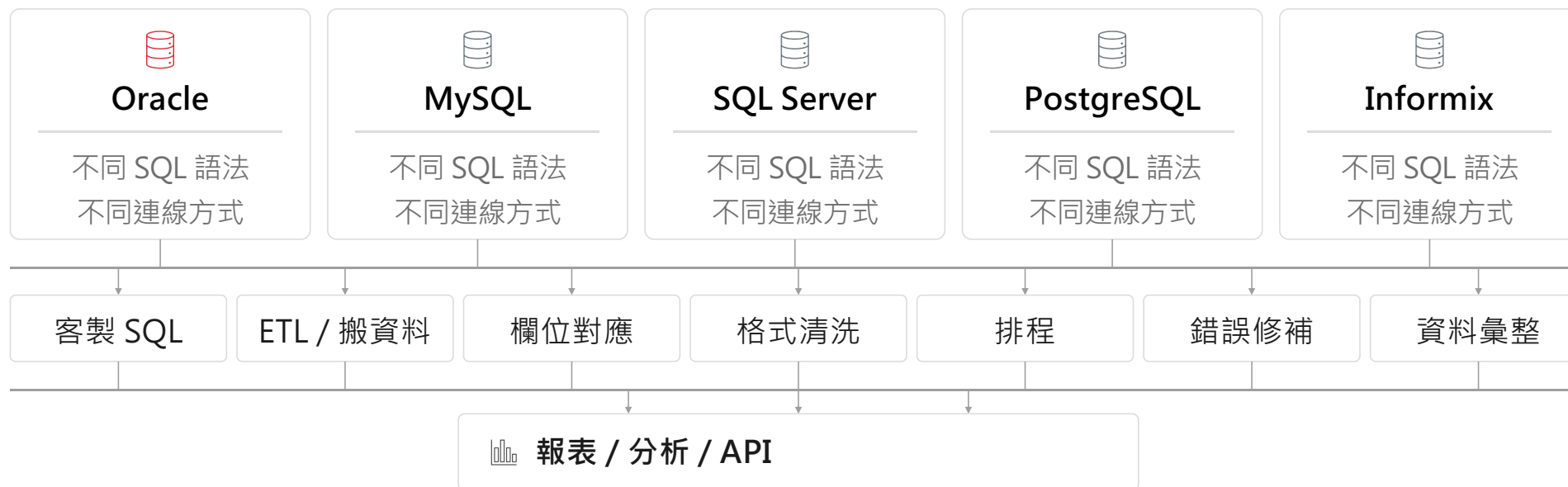


tab_1 × +

```
1 SELECT m.patient_id,
2       d.drug_name AS drug_name,
3       m.med_date AS med_date
4 FROM pg_rx.med_orders m
5 JOIN pg_rx.drug_master d ON d.drug_code = m.drug_code
6 WHERE m.status <> '9'
7 ORDER BY m.patient_id, m.med_date
8 LIMIT 10;
9
```

Patient_id	Drug_name	Med_date
P001	Aspirin	2026-08-20 00:00:00 +0000 UTC
P001	Atorvastatin	2026-08-20 00:00:00 +0000 UTC
P001	Amlodipine	2026-08-21 00:00:00 +0000 UTC

異質資料庫查詢，為什麼這麼麻煩？



痛點

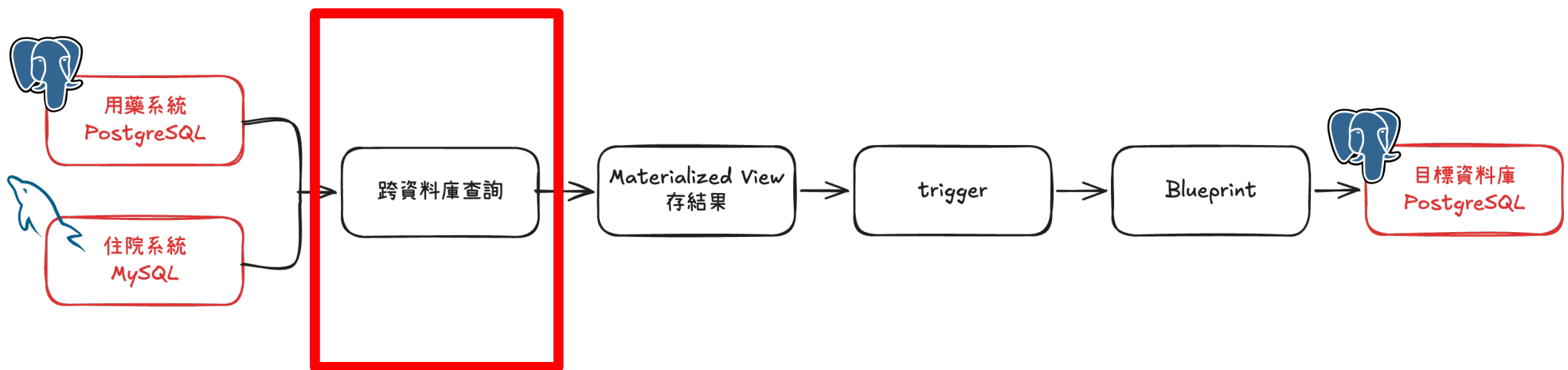
! 每個資料庫語法不同

! 資料必須先抽出再整併

! 流程長、步驟多、維運複查

不同資料庫、不同語法、不同流程 —— 查一次資料，卻要做一整串工程

流程



儲存成Materialized View

SQL Playground

Explore

Search

Run

Save as View

tab_1 × +

```
1 SELECT
2   p.name      AS patient_name,
3   p.ward      AS ward,
4   d.drug_name AS drug_name,
5   m.med_date  AS med_date
6 FROM pg_rx.med_orders m
7 JOIN pg_rx.drug_master d ON d.drug_code = m.drug_code
8 JOIN mysql_adm.patients p ON p.patient_id = m.patient_id
9 WHERE m.status <> '9'
10 ORDER BY m.patient_id, m.med_date;
```

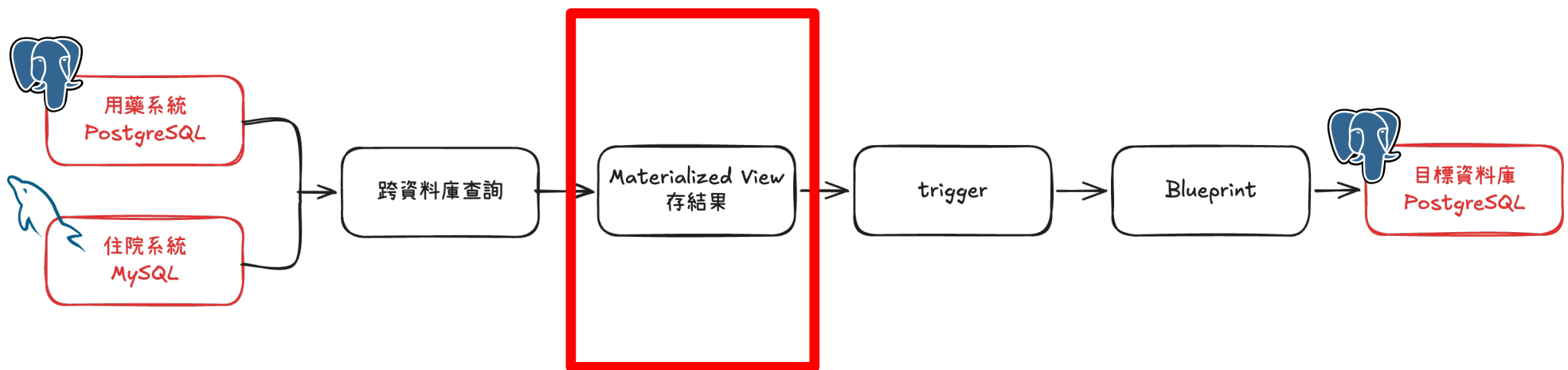
```
SELECT
  p.name      AS patient_name,
  p.ward      AS ward,
  d.drug_name AS drug_name,
  m.med_date  AS med_date
FROM pg_rx.med_orders m
JOIN pg_rx.drug_master d ON d.drug_code = m.drug_code
JOIN mysql_adm.patients p ON p.patient_id = m.patient_id
WHERE m.status <> '9'
ORDER BY m.patient_id, m.med_date;
```

Patient_name	Ward	Drug_name	Med_date
陳志明	心臟內科	Aspirin	2026-08-20 00:00:00 +0000 UTC
陳志明	心臟內科	Atorvastatin	2026-08-20 00:00:00 +0000 UTC
陳志明	心臟內科	Amlodipine	2026-08-21 00:00:00 +0000 UTC

解決痛點

- 跨資料庫查詢困難
- 不需要寫複雜ETL

流程



Materialized View

01



資料同步

將源頭資料庫的資料，在執行 SQL 後將資料儲存在 Plasma 平台上，讀取時直接讀取速度更快，並降低源頭資料庫負載

02



API 直接讀快照

可將 Materialized View 透過 API 對外提供，連接BI工具

SNAPSHOT | EXPORT API | REUSE EVERYWHERE

儲存成Materialized View

SQL Playground

user_user50

Explore Search Run Save as View

tab_1 × +

```
1 SELECT
2   p.name      AS patient_name,
3   p.ward      AS ward,
4   d.drug_name AS drug_name,
5   m.med_date  AS med_date
6 FROM pg_rx.med_orders m
7 JOIN pg_rx.drug_master d ON d.drug_code = m.drug_code
8 JOIN mysql_adm.patients p ON p.patient_id = m.patient_id
9 WHERE m.status <> '9'
10 ORDER BY m.patient_id, m.med_date;
```

Patient_name	Ward	Drug_name	Med_date
陳志明	心臟內科	Aspirin	2026-08-20 00:00:00 +0000 UTC
陳志明	心臟內科	Atorvastatin	2026-08-20 00:00:00 +0000 UTC
陳志明	心臟內科	Amlodipine	2026-08-21 00:00:00 +0000 UTC

Add View

Add View

Name

inpatient_medications

Type

Materialized View

Description

住院病人用藥清單

Sync Mode

☐ Manual

☒ Scheduled

Start Time

☒ Immediately

☐ Start Time

Select date

--

🕒

Execution Frequency

☐ Once

☒ Repeat Every

5

Minute

▼

☐ Every

▼

at

--

🕒

Save

Name:

inpatient_medications

Type:

Materialized View

Description:

住院病人用藥清單

Sync Mode:

Scheduled

Start Time:

Immediately

Sync Mode:

Repeat Every 5 Minute

Synced

Materialized View 🕒 Updated 21:34:30

[+ Add View](#)

10 rows ⌵

 Filter

 Refresh

Name ↑↓

Sync Progress

Sync Status

Last Successful Sync ↑↓

Last Modified ↑↓

Actions

inpatient_medications

100%

Synced

2026/09/09 21:33:57

2026/09/09 21:33:57





 Sync





Showing 1–1 of 1 records

< 1 >

跨資料庫查詢後，如何使用資料？

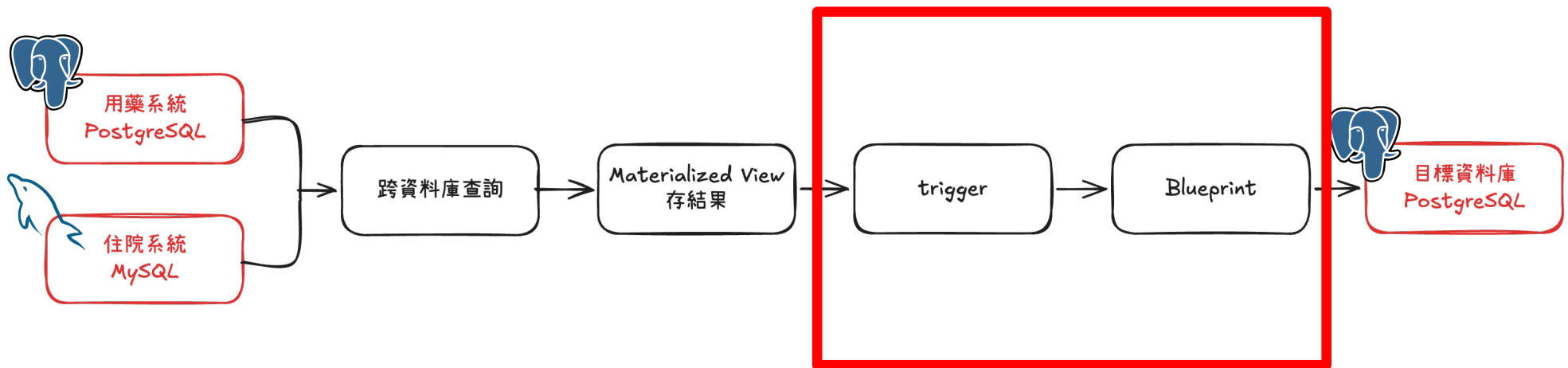
查
query



落地
delivery

將資料過後的資料存放進另一個資料庫系統

流程



Add Blueprint

The screenshot displays the PLASMA Data Platform interface. On the left sidebar, the 'Data Blueprint' option is highlighted with a red box and a red '1'. The main content area shows the 'Data Blueprint' section with a red box and a red '2' around the '+ Add Blueprint' button. The interface includes a search bar, a table with columns 'Name', 'Description', 'Current Job Status', and 'Actions', and a 'No data available' message. The top right shows the user 'user_user50' and a refresh icon.

PLASMA DATA PLATFORM STREAMING

- Streaming Pipeline
- VIEW
 - View
 - Materialized View
 - Parameterized View
- ATOMIC
 - Atomic Program
 - Atomic Config
- BLUEPRINT
 - Data Blueprint
 - Atomic Blueprint**
- SCHEDULER
 - Scheduler

Data Blueprint Updated 23:51:25

user_user50

+ Add Blueprint

Search

10 rows Refresh

Name ↑↓	Description	Current Job Status	Actions
No data available			

BROBRIDGE

Add Blueprint

 Add Blueprint ×

Name

export_inpatient_meds

Source View

inpatient_medications

Description

住院病人用藥紀錄

☐ Allow concurrent jobs

Method

Static

Destination Database

dw_sink

Table

patient_med_summary

Write Mode

☐ Truncate ☒ Overwrite ☐ Append

☒ Force Create Table

Save

Name:
export_inpatient_meds

Source View:
Inpatient_medications

Description:
住院病人用藥紀錄

Method:
Static

Destination Database:
dw_sink

Table:
top_customers

Write Mode:
Overwrite

Force Create Table:
✓

Blueprint — 把查詢結果依排程匯出



Write Mode 支援

Truncate

先清空目標表，再寫入最新結果；適合全量刷新。

Overwrite

以本次結果覆蓋目標內容；適合需要完整替換的資料集。

Append

保留既有資料，將本次結果追加寫入；適合累積型資料。

TRUNCATE | OVERWRITE | APPEND | SCHEDULED DELIVERY

設定 Trigger

Materialized View scheduled synced 完成後觸發blueprint將資料落地到目標資料庫

The screenshot shows the PLASMA Data Platform interface. The left sidebar has a navigation menu with the following sections:

- VIEW
 - View
 - Materialized View** (highlighted with a red box and labeled 1)
 - Parameterized View
- ATOMIC
 - Atomic Program
 - Atomic Config
- BLUEPRINT
 - Data Blueprint
 - Atomic Blueprint
- SCHEDULER
 - Scheduler
- MCP
 - MCP
- WORKSPACE
 - Package Library

The main content area is titled "Materialized View" and shows a table of views. The table has columns: Name, Sync Progress, Sync Status, Last Successful Sync, and Last Modified. The first row is for "top_customers", which is 100% synced and has a "Synced" status. A red box labeled 2 highlights the "Detail" button in the row's action column. The table also includes a search bar, a "10 rows" dropdown, and "Filter" and "Refresh" buttons.

Showing 1-1 of 1 records

Add Trigger

The screenshot displays the PLASMA Data Platform interface. On the left sidebar, the 'VIEW' section is expanded, showing options like 'View', 'Materialized View', 'Detail' (selected), 'Editor', and 'Parameterized View'. Below this, the 'ATOMIC' section includes 'Atomic Program' and 'Atomic Config', and the 'BLUEPRINT' section includes 'D.' and 'Atomic Blueprint'. The main content area shows the 'Materialized View > Detail' page for 'inpatient_medications'. The 'Trigger' tab is selected and highlighted with a red box and a red '1'. Below the tabs, the 'Triggers' section contains a table with columns 'Name', 'Target', 'Enabled', and 'Actions'. The table is currently empty, displaying 'No triggers configured'. A red box and a red '2' highlight the '+ Add Trigger' button in the top right corner of the triggers section.

Materialized View > Detail

user_user50

← Back

inpatient_medications

General Syn **Trigger** Export

Triggers

+ Add Trigger

Name	Target	Enabled	Actions
No triggers configured			

Add Trigger | Materialized View Sync完成，觸發 Blueprint

Add Trigger

Name *

on_sync_export

Description

觸發export_inpatient_meds Blueprint

Event *

Completed

Action *

Spawn Blueprint

Blueprint *

export_inpatient_meds

Cancel

Save

- 1 Nameon_sync_export
- 2 Description觸發export_inpatient_meds Blueprint
- 3 EventCompleted
- 4 ActionSpawn Blueprint
- 5 Blueprintexport_inpatient_meds

mview Sync 完成 → trigger → Blueprint 自動執行

Name	Target	Enabled	Actions
on_sync_export 觸發export_top_customers Blueprint	export_top_customers	☒	 

Click Back



VIEW

 View

 Materialized View

Detail

Editor

 Parameterized View

ATOMIC

 Atomic Program

 Atomic Config

Materialized View > Detail

user_user50



← Back

inpatient_medications

General

Sync

Trigger

Export

Triggers

+ Add Trigger

Name	Target	Enabled	Actions
on_sync_export 觸發export_inpatient_meds Blueprint	export_inpatient_meds	☐	 



Click Materialized View Sync

Materialized View Updated 22:32:50 + Add View

10 rows ▼

Filter

Refresh

Name ↑↓	Successful Sync ↑↓	Last Modified ↑↓	Actions
inpatient_medications	19 22:32:07	2026/09/09 22:32:07	Sync ⓘ ✎ ↺ 🗑️

Showing 1–1 of 1 records < 1 >

10 rows ▼ Filter Refresh

Name ↑↓	Status	Sync Progress	Sync Status
inpatient_medications	Active	100%	Synced

Showing 1–1 of 1 records < 1 >

目標資料庫重新 Sync



OVERVIEW

- Dashboard
- GENERAL
 - Data Catalog
 - Database**
 - SQL Playground
 - Data Product
- STREAMING
 - Streaming Pipeline
- VIEW
 - View
 - Materialized View
 - Parameterized View



Database

user_user50

Database Connections Updated 22:35:45 + Add Database

Configure and maintain database connections

Search

10 rows Filter Refresh

Name ↑	Host ↑↓	Port ↑↓	Update Time ↑↓	Actions
dw_sink	pg-sink.starbridge-sink.svc.cluster.local	5432	2026/09/09 15:38:07	
mysql_adm	mysql-crm.starbridge-crm.svc.cluster.local	3306	2026/09/09 15:39:31	
pg_rx	pg-erp.starbridge-erp.svc.cluster.local	5432	2026/09/09 15:32:30	

Showing 1-3 of 3 records

< 1 >

查看目標資料庫的 Table

OVERVIEW

Dashboard

GENERAL

Data Catalog

Database

SQL Playground

Data Product

STREAMING

Streaming Pipeline

VIEWS

View

Materialized View

Parameterized View

Database

user_user50

Database Connections Updated 22:38:00

Configure and maintain database connections

+ Add Database

Search

10 rows

Filter

Refresh

Name ↑	Host ↑↓	Port ↑↓	Update Time ↑↓	Actions
dw_sink	pg-sink.starbridge-sink.svc.cluster.local	5432	2026/09/09 22:37:55	
mysql_adm	mysql-crm.starbridge-crm.svc.cluster.local	3306	2026/09/09 15:39:31	
pg_rx	pg-erp.starbridge-erp.svc.cluster.local	5432	2026/09/09 15:32:30	

Showing 1-3 of 3 records

< 1 >

查看目標資料庫的 Data



OVERVIEW

 Dashboard

GENERAL

 Data Catalog

 Database

 Detail

 SQL Playground

 Data Product

STREAMING

 Streaming Pipeline

VIEW

 View

 Materialized View

 Database > Detail

user_user50  

← Back

dw_sink

Ready

General Tables

Tables

Q Search

 Refresh

Table Name	Columns	Last Synced Time	Actions
patient_med_summary	4	2026/09/09 22:37:55	  ...

View Data

查看目標資料庫的 Data

Database > Detail user_user50

View Table Data - patient_med_summary

Patient_name	Ward	Drug_name	Med_date
陳志明	心臟內科	Aspirin	2026-08-20 00:00:00 +0000 UTC
陳志明	心臟內科	Atorvastatin	2026-08-20 00:00:00 +0000 UTC
陳志明	心臟內科	Amlodipine	2026-08-21 00:00:00 +0000 UTC
陳志明	心臟內科	Warfarin	2026-08-22 00:00:00 +0000 UTC
林淑芬	心臟內科	Aspirin	2026-08-22 00:00:00 +0000 UTC
林淑芬	心臟內科	Amlodipine	2026-08-23 00:00:00 +0000 UTC
林淑芬	心臟內科	Furosemide	2026-08-24 00:00:00 +0000 UTC
黃建國	一般外科	Cefazolin	2026-08-25 00:00:00 +0000 UTC
黃建國	一般外科	Acetaminophen	2026-08-26 00:00:00 +0000 UTC

ATOMIC BROBRIDGE