-- 基本資料表結構

SELECT TABLE\_NAME FROM INFORMATION\_SCHEMA.TABLES WHERE TABLE\_SCHEMA = 'dbo';  
  
TABLE\_NAME

orders

order\_materials

inventory

inbound\_plans

worker\_capacity

schedule\_results  
  
  
-- 訂單資料

SELECT \* FROM orders;

id machine\_name due\_date eta\_date status created\_at

1 M1 2025-10-15 2025-09-28 ON\_TIME 2025-08-30 17:09:26.060

2 M2 2025-12-01 2025-11-10 ON\_TIME 2025-08-30 17:09:26.060

-- 材料需求

SELECT \* FROM order\_materials;

id order\_id material qty\_needed

1 1 A 80

2 1 B 40

3 1 C 20

4 2 A 60

5 2 B 40

6 2 C 20

-- 庫存狀況

SELECT \* FROM inventory;

material qty\_on\_hand

A 30

B 20

C 10

-- 到貨計劃

SELECT \* FROM inbound\_plans;

id material arrival\_date qty

2 A 2025-08-20 60

3 A 2025-09-10 60

4 A 2025-09-30 50

5 B 2025-08-15 40

6 B 2025-09-05 40

7 B 2025-09-25 40

8 C 2025-08-25 30

9 C 2025-09-15 30

10 C 2025-09-30 30

-- 工人產能（如果有資料的話）

SELECT \* FROM worker\_capacity;

work\_date hours\_total

2025-09-01 24

2025-09-02 24

2025-09-03 24

2025-09-04 24

2025-09-05 24

2025-09-06 24

2025-09-07 24