**SQL代码整理：**

**（以磐安县晶营副食店为例）**

**一、当月的数量、成本、销售额：**

SELECT

SUM(sum\_quantity\_jy) AS 当前月数量,

SUM(sum\_cost\_amount\_jy) AS 当前月成本,

SUM(sum\_amount\_jy) AS 当前月销售额

FROM

trs\_sal\_saledtl\_jh\_2022

WHERE

YEAR(sale\_time) = YEAR(CURRENT\_DATE()) AND MONTH(sale\_time) = MONTH(CURRENT\_DATE()) AND customer\_name = '磐安县晶营副食店'

**二、今年以来的数量、成本、销售额：**

SELECT

SUM(sum\_quantity\_jy) AS 今年以来数量,

SUM(sum\_cost\_amount\_jy) AS 今年以来成本,

SUM(sum\_amount\_jy) AS 今年以来销售额

FROM

trs\_sal\_saledtl\_jh\_2022

WHERE

YEAR(sale\_time) = YEAR(CURRENT\_DATE()) AND customer\_name = '磐安县晶营副食店';

**三、去年同期的数量、成本、销售额：**

SELECT

SUM(sum\_quantity\_jy) AS 去年同期数量,

SUM(sum\_cost\_amount\_jy) AS 去年同期成本,

SUM(sum\_amount\_jy) AS 去年同期销售额

FROM

trs\_sal\_saledtl\_jh\_2022

WHERE

YEAR(sale\_time) = YEAR(CURRENT\_DATE()) - 1 AND customer\_name = '磐安县晶营副食店';

**四、平均的数量、成本、销售额：**

SELECT

AVG(sum\_quantity\_jy) AS avg\_quantity,

AVG(sum\_cost\_amount\_jy) AS avg\_cost,

AVG(sum\_amount\_jy) AS avg\_sales

FROM

trs\_sal\_saledtl\_jh\_2022

WHERE

cust\_type\_name = '磐安县晶营副食店'

GROUP BY

cust\_type\_name

**五、下个月的进货资金：**

SELECT SUM(sum\_cost\_amount\_jy) AS 下个月需要进货资金

FROM `磐安晶营副食店`

WHERE YEAR(sale\_time) = YEAR(CURRENT\_DATE() - INTERVAL 1 YEAR)

AND MONTH(sale\_time) = MONTH(CURRENT\_DATE() - INTERVAL 1 YEAR)

**六、预计产生的利润：**

SELECT SUM(sum\_amount\_jy - sum\_cost\_amount\_jy) AS 预计产生利润

FROM `磐安晶营副食店`

WHERE YEAR(sale\_time) = YEAR(CURRENT\_DATE() - INTERVAL 1 YEAR)

AND MONTH(sale\_time) = MONTH(CURRENT\_DATE() - INTERVAL 1 YEAR)

**七、按月份找出卷烟销售数量、成本、毛利（卷烟量本利）：**

SELECT biz\_month as '月份',SUM(sum\_quantity\_jy) as '卷烟合计',ROUND(SUM(sum\_cost\_amount\_jy

),2) as '卷烟合计成本',ROUND(SUM(sum\_amount\_jy)-SUM(sum\_cost\_amount\_jy),2

) as '卷烟合计毛利' FROM `磐安晶营副食店` GROUP BY biz\_month

**八、按月份找出非烟销售数量、成本、毛利（非烟量本利）：**

SELECT biz\_month as '月份',SUM(sum\_quantity\_fy) as '非烟合计',ROUND(SUM(sum\_cost\_amount\_fy

),2) as '非烟合计成本',ROUND(SUM(sum\_amount\_fy)-SUM(sum\_cost\_amount\_fy),2

) as '非烟合计毛利' FROM `磐安晶营副食店` GROUP BY biz\_month

**九、非烟进货提醒表的增幅：**

SELECT goods\_name,dysl,sysl,CONCAT(ROUND(((dysl-sysl)/sysl)\*100,2),'%') as zf  
from (  
SELECT goods\_name,(SELECT sum(quantity) FROM `磐安晶营副食店` as a WHERE a.goods\_name=b.goods\_name AND is\_tobacco=0 AND MONTH(sale\_time) = MONTH(CURRENT\_DATE) ) as dysl,  
sum(quantity) AS sysl  
FROM `磐安晶营副食店` as b  
WHERE customer\_name = '磐安县晶营副食店'   
AND MONTH(sale\_time) = MONTH(CURRENT\_DATE - INTERVAL 1 MONTH) AND is\_tobacco=0  
GROUP BY goods\_name   
) as t ORDER BY (ROUND(((dysl-sysl)/sysl)\*100,2)) desc  
LIMIT 10

**十、非烟进货提醒表的降幅：**

SELECT goods\_name,dysl,sysl,CONCAT(ROUND(((dysl-sysl)/sysl)\*100,2),'%') as zf  
from (  
SELECT goods\_name,(SELECT sum(quantity) FROM `磐安晶营副食店` as a WHERE a.goods\_name=b.goods\_name AND is\_tobacco=0 AND MONTH(sale\_time) = MONTH(CURRENT\_DATE) ) as dysl,  
sum(quantity) AS sysl  
FROM `磐安晶营副食店` as b  
WHERE customer\_name = '磐安县晶营副食店'   
AND MONTH(sale\_time) = MONTH(CURRENT\_DATE - INTERVAL 1 MONTH) AND is\_tobacco=0  
GROUP BY goods\_name   
) as t ORDER BY (ROUND(((dysl-sysl)/sysl)\*100,2))   
LIMIT 10