USE DATABASE PROD\_A2024\_FE;

USE WAREHOUSE LOCAL\_marvinfoster;

USE ROLE CJ\_MS;

with a2024\_readmissions as (

SELECT

tmp.index\_admission

,tmp.readmission\_candidate

,tmp.discharge\_date

,tmp.readmission\_date

FROM (

SELECT DISTINCT

s1.pk\_ip\_stay\_id AS index\_admission

,s2.pk\_ip\_stay\_id AS readmission\_candidate

,s1.stay\_thru\_dt AS discharge\_date

,s2.stay\_from\_dt AS readmission\_date

,row\_number() over (partition by s1.pk\_ip\_stay\_id order by s2.stay\_from\_dt asc) AS readmission\_rank

FROM prod\_a2024\_fe.insights.inpatient\_stay s1

LEFT JOIN prod\_a2024\_fe.insights.inpatient\_stay s2

ON s1.fk\_patient\_id = s2.fk\_patient\_id

AND s2.stay\_from\_dt between s1.stay\_thru\_dt and s1.stay\_thru\_dt + 30

AND s1.pk\_ip\_stay\_id != s2.pk\_ip\_stay\_id

WHERE

get(s2.claim\_type\_cd\_list,0) in ('60','61')

AND get(s1.claim\_type\_cd\_list,0) in ('60','61')

AND get(s1.stay\_discharge\_status\_cd\_list,0) not in ('02','05')

-- limit to where the ccs grouping for procedures and diagnoses does not indicate a planned\_readmission

GROUP BY

s1.pk\_ip\_stay\_id

,s2.pk\_ip\_stay\_id

,s1.stay\_thru\_dt

,s2.stay\_from\_dt

) tmp

WHERE

readmission\_rank = 1

AND readmission\_candidate is not null

),

a2024\_snf as (

SELECT i.\*, r.\*, net.name as network\_name

FROM prod\_a2024\_fe.insights.metric\_value\_grouped\_snf i

LEFT JOIN a2024\_readmissions r

ON r.index\_admission = i.ip\_lookup

LEFT JOIN prod\_a2024\_fe.insights.network net

ON i.at\_time\_network\_nh = net.pk\_network\_id

WHERE

ip\_lookup is not null AND

i.attribution\_type = 'as\_is'

AND i.attribution\_curr\_period\_flag = true

),

combo as (

select \* from a2024\_snf

)

--select org\_id, network\_name, count(\*) from combo group by 1, 2

select

split\_part(fk\_facility\_id,'|',2) as facility\_ccn,

fac.name as facility\_name,

count(\*) as admits,

sum(length\_of\_stay) as total\_days,

avg(length\_of\_stay) as average\_los,

count(distinct readmission\_candidate) AS readmits,

count(distinct readmission\_candidate)\*1.00/count(\*) as readmit\_rate,

sum(case when ip\_admit30\_flag = TRUE then 1 else 0 end) as readmits2,

sum(case when ip\_admit30\_flag = TRUE then 1 else 0 end)\*1.00/count(\*) as readmits2\_rate,

avg(case when risk\_score is not null and risk\_score != 0 then risk\_score else null end) as avg\_risk\_score,

sum(total\_paid\_amt)\*1.0/count(\*) as spend\_per\_admit,

sum(total\_paid\_amt) as total\_spend

from combo

left join prod\_a2024\_fe.insights.facility fac

on fac.pk\_facility\_id = combo.fk\_facility\_id

where month\_cd in ('m-2024-04',

'm-2024-05',

'm-2024-06',

'm-2024-07',

'm-2024-08',

'm-2024-09',

'm-2024-10',

'm-2024-11',

'm-2024-12',

'm-2025-01',

'm-2025-02',

'm-2025-03')

and network\_name is not null

group by 1, 2

order by 3 desc