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Title: step4a\_demog

Description: Add demographic data about the member.

Version Control: https://dsghe.lacare.org/nblume/Readmissions/tree/master/Code/Data\_Acquisition\_and\_Understanding/Cloudera%20DSW/Iteration2/

Data Source: nathalie.prjrea\_step3\_lob\_pcp

encp.members

Output: nathalie.prjrea\_step4a\_demog

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drop table if exists nathalie.prjrea\_step4a\_demog;

create table nathalie.prjrea\_step4a\_demog

as

select

\*

, case

when adm\_age is null then null

when adm\_age <= 17 then 'C' --child

when adm\_age > 17 and adm\_age < 65 then 'A' --adult

when adm\_age >= 65 and adm\_age <= 150 then 'O' --older adult

else null

end as agegp\_hedis

, case

when adm\_age is null then null

when adm\_age < 16 then 'C' --child

when adm\_age >= 16 and adm\_age < 26 then 'T' --transition age adult, aka TAY

when adm\_age >= 26 and adm\_age < 60 then 'A' --adult

when adm\_age >= 60 and adm\_age <= 150 then 'O' --older adult

else null

end as agegp\_cty

from

(

select

A.\*

, gender

, language\_written\_code

, ethnicity\_code

, zip\_code

, zip4

, phone

, case

when phone is null then 0

else 1

end as has\_phone

, deathdate

, case

when datediff(deathdate, dis\_dt) <= 0 then 1

else 0

end as dies\_before\_discharge

, case

when deathdate <= adddate(dis\_dt, 30) then 1

else 0

end as is\_a\_30d\_death

, dob

, case

when dob is null then null

else floor(datediff(adm\_dt, dob) / 365.25)

end as adm\_age

from nathalie.prjrea\_step3\_lob\_pcp as A left join encp.members as B on A.cin\_no = B.cin\_no

) as S

--where dis\_status not in ('20', '40', '41', '42') --member did not expire before discharge

--and datediff(deathdate, dis\_dt) >= 0 --member did not expire before discharge

;