with rename\_column as

(select

  invoice\_and\_item\_number

  ,date as order\_date

  ,store\_number

  ,store\_name

  ,city

  ,county

  ,category as category\_number

  ,category\_name

  ,vendor\_number

  ,vendor\_name

  ,item\_number

  ,item\_description

  ,state\_bottle\_retail as wholesale\_price\_per\_bottle

  ,bottles\_sold as sold\_bottle

  ,sale\_dollars as order\_amount

  ,volume\_sold\_liters

from `vit-lam-data.public\_data\_sample.iowa\_liquor\_sales`

)

,cast\_type as

(select

  invoice\_and\_item\_number

  ,order\_date

  ,cast (store\_number as integer) as store\_number

  ,store\_name

  ,city

  ,county

  ,cast (replace(category\_number,'.0','') as integer) as category\_number

  ,category\_name

  ,cast (replace(vendor\_number,'.0','') as integer) as vendor\_number

  ,vendor\_name

  ,cast (item\_number as integer) as item\_number

  ,item\_description

  ,cast (wholesale\_price\_per\_bottle as numeric) as wholesale\_price\_per\_bottle

  ,sold\_bottle

  ,cast (order\_amount as numeric) as order\_amount

  ,cast (volume\_sold\_liters as numeric) as volume\_sold\_liters

from rename\_column

)

,rank\_no as

(select

  \*

  ,row\_number() over (partition by store\_number order by order\_date desc) as rank\_store

  ,row\_number() over (partition by vendor\_number order by order\_date desc) as rank\_vendor

  ,row\_number() over (partition by category\_number order by order\_date desc) as rank\_category

  ,row\_number() over (partition by item\_number order by order\_date desc) as rank\_item

from cast\_type

)

,store as

(select

  store\_number

  , store\_name

from rank\_no

where rank\_store=1

)

,vendor as

(select

  vendor\_number

  ,vendor\_name

from rank\_no

where rank\_vendor=1

)

,item as

(select

  item\_number

  ,item\_description

from rank\_no

where rank\_item=1

)

,category as

(select

  category\_number

  ,category\_name

from rank\_no

where rank\_category=1

)

,deduplicate as

(select

  invoice\_and\_item\_number

  ,order\_date

  ,store\_number

  ,store.store\_name

  ,city

  ,county

  ,category.category\_number

  ,category.category\_name

  ,vendor\_number

  ,vendor.vendor\_name

  ,item\_number

  ,item.item\_description

  ,wholesale\_price\_per\_bottle

  ,sold\_bottle

  ,order\_amount

  ,volume\_sold\_liters

from cast\_type

left join store using (store\_number)

left join category using (category\_number)

left join vendor using (vendor\_number)

left join item using (item\_number)

)

select

  \*

  ,case

    when strpos(store\_name,' / ')<>0 then split (store\_name,' / ')[0]

    else split (store\_name,' #')[0]

  end

  as company\_name

from deduplicate