**Queries utiles pour stats Cinéma**

Trouver les acteurs qui ont le plus participé à des films vus :

with group\_actor as

(select count(ma.actor\_id) as num\_movies, ma.actor\_id as act

from movie\_actor as ma

join user\_list as u

on u.movie\_id = ma.movie\_id

where u.saw = '1'

group by ma.actor\_id)

select distinct a.name, ga.num\_movies

from group\_actor as ga

join actors as a

on a.actor\_id = ga.act

order by num\_movies desc

limit 30

Trouver les réalisateurs dont les films ont été les plus vus :

with group\_director as

(select count(md.director\_id) as num\_movies, md.director\_id as dir

from movie\_director as md

join user\_list as u

on u.movie\_id = md.movie\_id

where u.saw = '1'

group by md.director\_id)

select distinct d.name, gd.num\_movies

from group\_director as gd

join directors as d

on d.director\_id = gd.dir

order by num\_movies desc

limit 30

Trouver les producteurs les plus impliqués dans les films vus :

with group\_prod as

(select count(mp.prod\_id) as num\_movies, mp.prod\_id as prod

from movie\_prod as mp

join user\_list as u

on u.movie\_id = mp.movie\_id

where u.saw = '1'

group by mp.prod\_id)

select distinct p.name, gp.num\_movies

from group\_prod as gp

join production as p

on p.prod\_id = gp.prod

order by num\_movies desc

limit 30

Trouver les réalisateurs dont le plus grand pourcentage de film a été vu :

with saw\_director as

(select count(md.director\_id) as movies\_saw, md.director\_id as dir

from movie\_director as md

join user\_list as u

on u.movie\_id = md.movie\_id

where u.saw = '1'

group by md.director\_id),

tot\_director as

(select count(md.director\_id) as movies\_tot, md.director\_id as dir

from movie\_director as md

group by md.director\_id)

select distinct d.name, (100 \* sd.movies\_saw / td.movies\_tot) as pct

from saw\_director as sd

join tot\_director as td

on sd.dir = td.dir

join directors as d

on d.director\_id = td.dir

where td.movies\_tot > 10

order by pct desc

limit 30

Trouver les acteurs dont le plus grand pourcentage de film a été vu :

with saw\_actor as

(select count(ma.actor\_id) as movies\_saw, ma.actor\_id as act

from movie\_actor as ma

join user\_list as u

on u.movie\_id = ma.movie\_id

where u.saw = '1'

group by ma.actor\_id),

tot\_actor as

(select count(ma.actor\_id) as movies\_tot, ma.actor\_id as act

from movie\_actor as ma

group by ma.actor\_id)

select distinct a.name, (100 \* sa.movies\_saw / ta.movies\_tot) as pct

from saw\_actor as sa

join tot\_actor as ta

on sa.act = ta.act

join actors as a

on a.actor\_id = ta.act

order by pct desc

limit 30

Trouver les réalisateurs avec les meilleurs moyennes de films avec un nimbre minimum de film:

with group\_director as

(select count(md.director\_id) as num\_movies, md.director\_id as dir

from movie\_director as md

join user\_list as u

on u.movie\_id = md.movie\_id

where u.saw = '1'

group by md.director\_id)

select d.name,

AVG(m.rating) as rate,

gd.num\_movies

from directors as d

join group\_director as gd

on d.director\_id = gd.dir

join movie\_director as md

on d.director\_id = md.director\_id

join movies as m

on m.imdb\_id = md.movie\_id

where gd.num\_movies > 5

group by d.name, gd.num\_movies

order by rate desc

limit 30