

Compte rendu TD5 SLAM 3

Exercice n°1

Dans un premier temps, nous devons créer la vue "vueCA" et d'afficher la date en utilisant la syntaxe "current_date" pour faire afficher les dates dans la vue comme ci-dessous:

```
postgres=# select sum(prixcons*qte) as caDuJour from conso join ligne_fact on conso.numcons=ligne_fact.numcons JOIN fa
cture on ligne_fact.numfact=facture.numfact where datefact=now();
 caDuJour
-----
(1 ligne)
```

```
postgres=# INSERT INTO FACTURE VALUES(1468,1,52,now());
INSERT 0 1
```

```
postgres=# select caDuJour from vueCA;
 caDuJour
-----
12.599999999999998
(1 ligne)
```

```
postgres=# INSERT INTO LIGNE_FACT VALUES(1777,130,3);
INSERT 0 1
postgres=# INSERT INTO LIGNE_FACT VALUES(1777,120,2);
INSERT 0 1
```

```
postgres=# select ROUND(caDuJour) from vueCA;
 round
-----
13
(1 ligne)
```

```
postgres=# select datefact,sum(qte*prixcons) from conso join ligne_fact on ligne_fact.numcons=conso.numcons join facture on facture.numfact= ligne_fact.numfact group by datefact;
 datefact |      sum
-----+-----
2011-08-21 | 40.599999999999994
2012-02-22 | 15.6
2011-08-22 | 30.6
2020-10-06 | 12.599999999999998
(4 lignes)
```

```
postgres=# select datefact from conso join ligne_fact on ligne_fact.numcons=conso.numcons join facture on facture.numfact=
ligne_fact.numfact group by datefact having sum(qte*prixcons)>(select caDuJour from vueca);
datefact
-----
2011-08-21
2012-02-22
2011-08-22
(3 lignes)
```

Exercice n°2:

```
postgres=# create view vueCAVendeur as select nomserv,datefact,sum(qte*prixcons) as ca from conso join ligne_fact on ligne_fact.numcons=conso.numcons join facture on facture.numfact=ligne_fact.numfact join serveur on facture.nomserv=serveur.nomserv group by 1,2 order by 1,2;
CREATE VIEW
```

Testons maintenant :

```
postgres=# Select dateFact, nomServ, ca from vueCAVendeur;
datefact | nomserv | ca
-----+-----+-----
2020-10-06 | Cathy | 12.599999999999998
2011-08-21 | Pilou | 23.5
2011-08-22 | Pilou | 18.3
2011-08-21 | Pizzi | 12.399999999999999
2011-08-21 | Totof | 4.7
2011-08-22 | Totof | 12.299999999999999
2012-02-22 | Totof | 15.6
(7 lignes)
```

```
postgres=# select nomserv from vueCAVendeur where ca=(select max(ca) from vueCAVendeur where datefact='2011-08-21');
nomserv
-----
Pilou
(1 ligne)
```

```
postgres=# create view vuecaboisson as select libcons,sum(qte*prixcons) as ca from ligne_fact join conso on conso.numcons=ligne_fact.numcons group by libcons;
CREATE VIEW
```