

Annexe B

Charge utilisée pour l'expérimentation de notre stratégie de sélection de vues matérialisées

- 1 `select sales.time_id, sum(quantity_sold), sum(amount_sold) from sales, times where sales.time_id = times.time_id and times.fiscal_year in (1998,2000) group by sales.time_id`
- 2 `select products.prod_name, sum(amount_sold) from sales, products, promotions where sales.prod_id = products.prod_id and sales.promo_id = promotions.promo_id and promotions.promo_category = 'post' and products.prod_category = 'Women' group by products.prod_name`
- 3 `select products.prod_name, sum(amount_sold) from sales, products, promotions where sales.prod_id = products.prod_id and sales.promo_id = promotions.promo_id and promotions.promo_category = 'post' group by products.prod_name`
- 4 `select products.prod_name, sum(amount_sold) from sales, products, promotions where sales.prod_id = products.prod_id and sales.promo_id = promotions.promo_id and promotions.promo_category = 'TV' group by products.prod_name`
- 5 `select products.prod_name, sum(amount_sold) from sales, products, promotions where sales.prod_id = products.prod_id and sales.promo_id = promotions.promo_id and promotions.promo_category = 'internet' group by products.prod_name`
- 6 `select sales.prod_id, count (*) from sales, products, times where sales.prod_id = products.prod_id and sales.time_id = times.time_id and times.fiscal_year = '2001' group by sales.prod_id order by sales.prod_id`
- 7 `select sales.prod_id, count (*) from sales, products, times where sales.prod_id = products.prod_id and sales.time_id = times.time_id and times.fiscal_year = 2000 group by sales.prod_id order by sales.prod_id`

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8  select sales.prod_id, count (*) from sales, products, times where sales.prod_id = products.prod_id
   and sales.time_id = times.time_id and times.fiscal_year = 1998 group by sales.prod_id order by
   sales.prod_id
9  select sales.time_id, sum(quantity_sold), sum(amount_sold) from sales, times where sales.time_id
   = times.time_id and times.fiscal_year = 1999 group by sales.time_id
10 select sales.prod_id, sum(amount_sold) from sales, products, promotions where sales.prod_id =
   products.prod_id and sales.promo_id = promotions.promo_id and promotions.promo_category =
   'TV' and products.prod_category = 'Women' group by sales.prod_id
11 select sales.prod_id, sum(amount_sold) from sales, products, promotions where sales.prod_id =
   products.prod_id and sales.promo_id = promotions.promo_id and promotions.promo_category =
   'post' group by sales.prod_id
12 select sales.prod_id, sum(amount_sold) from sales, products, promotions where sales.prod_id =
   products.prod_id and sales.promo_id = promotions.promo_id and promotions.promo_category =
   'TV' group by sales.prod_id
13 select sales.prod_id, sum(amount_sold) from sales, products, promotions where sales.prod_id =
   products.prod_id and sales.promo_id = promotions.promo_id and promotions.promo_category =
   'internet' group by sales.prod_id
14 select sales.prod_id, count (*) from sales, products, times where sales.prod_id = products.prod_id
   and sales.time_id = times.time_id and times.fiscal_year = 1998 group by sales.prod_id order by
   sales.prod_id
15 select sales.time_id, sum(quantity_sold) , sum(amount_sold) from sales, times where sales.time_id
   = times.time_id and times.fiscal_year = 2000 group by sales.time_id
16 select sales.prod_id, sum(amount_sold) from sales, products, promotions where sales.prod_id =
   products.prod_id and sales.promo_id = promotions.promo_id and promotions.promo_category =
   'TV' and products.prod_category = 'Women' group by sales.prod_id
17 select sales.prod_id, sum(amount_sold) from sales, products, promotions where sales.prod_id =
   products.prod_id and sales.promo_id = promotions.promo_id and promotions.promo_category =
   'post' group by sales.prod_id
18 select sales.prod_id, sum(amount_sold) from sales, products, promotions where sales.prod_id =
   products.prod_id and sales.promo_id = promotions.promo_id and promotions.promo_category =
   'TV' group by sales.prod_id
19 select sales.prod_id, sum(amount_sold) from sales, products, promotions where sales.prod_id =
   products.prod_id and sales.promo_id = promotions.promo_id and promotions.promo_category =
   'internet' group by sales.prod_id
20 select sales.prod_id, count (*) from sales, products, times where sales.prod_id = products.prod_id
   and sales.time_id = times.time_id and times.fiscal_year = 1999 group by sales.prod_id order by
   sales.prod_id
21 select sales.prod_id, sum(sales.quantity_sold) from sales, channels, products where sales.prod_id =
   products.prod_id and sales.channel_id = channels.channel_id and channels.channel_desc ='Inter-
   net' and products.prod_category ='Women' group by sales.prod_id
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22 select sales.channel_id, sum(sales.quantity_sold), sum(sales.amount_sold) from sales, channels, products where sales.prod_id = products.prod_id and sales.channel_id = channels.channel_id and channels.channel_desc = 'Internet' and products.prod_category = 'Women' group by sales.channel_id

23 select sales.channel_id, sum(sales.quantity_sold), sum(sales.amount_sold) from sales, channels, products where sales.prod_id = products.prod_id and sales.channel_id = channels.channel_id and channels.channel_desc = 'Internet' and products.prod_category = 'Girls' group by sales.channel_id

24 select sales.channel_id, sum(sales.quantity_sold), sum(sales.amount_sold) from sales, channels, products where sales.prod_id = products.prod_id and sales.channel_id = channels.channel_id and channels.channel_desc = 'Catalog' and products.prod_category = 'Boys' group by sales.channel_id

25 select sales.channel_id, sum(sales.quantity_sold), sum(sales.amount_sold) from sales, channels, products where sales.prod_id = products.prod_id and sales.channel_id = channels.channel_id and channels.channel_desc = 'Internet' and products.prod_category = 'Men' group by sales.channel_id

26 select sales.prod_id, sum(sales.quantity_sold), sum(sales.amount_sold) from sales, channels, products where sales.prod_id = products.prod_id and sales.channel_id = channels.channel_id and channels.channel_desc = 'Internet' group by sales.prod_id

27 select sales.prod_id, sum(sales.quantity_sold), sum(sales.amount_sold) from sales, channels, products where sales.prod_id = products.prod_id and sales.channel_id = channels.channel_id and channels.channel_desc = 'Direct Sales' group by sales.prod_id

28 select sales.prod_id, sales.cust_id, sum(quantity_sold) from sales, channels, products, customers where sales.prod_id = products.prod_id and sales.channel_id = channels.channel_id and sales.cust_id = customers.cust_id and channels.channel_desc = 'Internet' group by sales.prod_id, sales.cust_id

29 select sales.cust_id, sum(quantity_sold) from sales, customers where sales.cust_id = customers.cust_id and customers.cust_gender='M' group by sales.cust_id

30 select sales.channel_id, sum(amount_sold) from sales, times, channels where sales.time_id = times.time_id and sales.channel_id = channels.channel_id and times.fiscal_month_name like 'Agroup by sales.channel_id

31 select sales.channel_id, sum(amount_sold) from sales, times, channels where sales.time_id = times.time_id and sales.channel_id = channels.channel_id and times.fiscal_year = 1998 group by sales.channel_id

32 select sales.cust_id, sum(amount_sold) from sales, customers, products, times where sales.cust_id = customers.cust_id and sales.prod_id = products.prod_id and sales.time_id = times.time_id and times.fiscal_year = 2000 and times.fiscal_month_name like 'Mand customers.cust_marital_status = 'married' and products.prod_category = 'Women' group by sales.cust_id

33 select sales.cust_id, sum(amount_sold) from sales, customers, products, times where sales.cust_id = customers.cust_id and sales.prod_id = products.prod_id and sales.time_id = times.time_id and times.fiscal_year = 1999 and times.fiscal_month_name like 'and customers.cust_marital_status = 'married' and products.prod_category = 'Women' group by sales.cust_id

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- 34 select sales.cust_id, sum(amount_sold) from sales, customers, products, times where sales.cust_id = customers.cust_id and sales.prod_id = products.prod_id and sales.time_id = times.time_id and times.fiscal_year = 1998 and times.fiscal_month_name like 'Dand customers.cust_marital_status = 'single' and products.prod_category = 'Women' group by sales.cust_id
- 35 select sales.cust_id, sum(quantity_sold) from sales, customers where sales.cust_id = customers.cust_id and customers.cust_gender = 'M' and customers.cust_marital_status='married' group by sales.cust_id
- 36 select sales.cust_id, sum(quantity_sold) from sales, customers where sales.cust_id = customers.cust_id and customers.cust_gender = 'M' and customers.cust_marital_status='single' group by sales.cust_id
- 37 select sales.cust_id, sum(quantity_sold) from sales, customers where sales.cust_id = customers.cust_id and customers.cust_gender = 'M' and customers.cust_marital_status='married' group by sales.cust_id
- 38 select sales.cust_id, sum(quantity_sold) from sales, customers where sales.cust_id = customers.cust_id and customers.cust_gender = 'F' and customers.cust_marital_status='married' group by sales.cust_id
- 39 select sales.cust_id, sum(quantity_sold) from sales, customers where sales.cust_id = customers.cust_id and customers.cust_gender = 'M' and customers.cust_marital_status='single' group by sales.cust_id
- 40 select sales.cust_id, sum(quantity_sold) from sales, customers where sales.cust_id = customers.cust_id and customers.cust_gender = 'M' and customers.cust_marital_status='single' group by sales.cust_id
- 41 select sales.cust_id, sum(quantity_sold) from sales, customers where sales.cust_id = customers.cust_id and customers.cust_gender = 'M' and customers.cust_marital_status='single' group by sales.cust_id
- 42 select sales.cust_id, sum(quantity_sold) from sales, customers where sales.cust_id = customers.cust_id and customers.cust_gender = 'F' and customers.cust_marital_status='single' group by sales.cust_id
- 43 select sales.cust_id, sum(quantity_sold) from sales, customers where sales.cust_id = customers.cust_id and customers.cust_gender = 'F' and customers.cust_marital_status='single' group by sales.cust_id
- 44 select sales.cust_id, sum(quantity_sold) from sales, customers where sales.cust_id = customers.cust_id and customers.cust_gender = 'F' and customers.cust_marital_status='single' group by sales.cust_id
- 45 select sales.cust_id, sum(quantity_sold) from sales, customers where sales.cust_id = customers.cust_id and customers.cust_gender = 'F' and customers.cust_marital_status='single' group by sales.cust_id
- 46 select sales.cust_id, sum(quantity_sold) from sales, customers where sales.cust_id = customers.cust_id and customers.cust_gender = 'F' and customers.cust_marital_status='single' group by sales.cust_id

47 select promotions.promo_name, sum(amount_sold) from sales, products, promotions where sales.prod_id = products.prod_id and sales.promo_id = promotions.promo_id and promotions.promo_category = 'TV' and products.prod_category = 'Women' group by promotions.promo_name

48 select promotions.promo_name, sum(amount_sold) from sales, products, promotions where sales.prod_id = products.prod_id and sales.promo_id = promotions.promo_id and promotions.promo_category = 'internet' and products.prod_category = 'Women' group by promotions.promo_name

49 select promotions.promo_name, sum(amount_sold) from sales, products, promotions where sales.prod_id = products.prod_id and sales.promo_id = promotions.promo_id and promotions.promo_category = 'internet' and products.prod_category = 'Men' group by promotions.promo_name

50 select promotions.promo_name, products.prod_category, sum(amount_sold) from sales, products, promotions where sales.prod_id = products.prod_id and sales.promo_id = promotions.promo_id and promotions.promo_category = 'TV' group by promotions.promo_name, products.prod_category

51 select products.prod_name, count (*) from sales, products, times where sales.prod_id = products.prod_id and sales.time_id = times.time_id and times.fiscal_year = 2000 group by products.prod_name order by products.prod_name

52 select products.prod_name, prod_category, count (*) from sales, products, times where sales.prod_id = products.prod_id and sales.time_id = times.time_id and times.fiscal_year = 2000 group by products.prod_name, prod_category order by products.prod_name

53 select products.prod_name, count (*) from sales, products, times where sales.prod_id = products.prod_id and sales.time_id = times.time_id and times.fiscal_year = 1999 group by products.prod_name order by products.prod_name

54 select channels.channel_class, sum(sales.quantity_sold), sum(sales.amount_sold) from sales, channels, products where sales.prod_id = products.prod_id and sales.channel_id = channels.channel_id and channels.channel_desc = 'Internet' and products.prod_category = 'Women' group by channels.channel_class

55 select channels.channel_class, products.prod_name, sum(sales.quantity_sold), sum(sales.amount_sold) from sales, channels, products where sales.prod_id = products.prod_id and sales.channel_id = channels.channel_id and channels.channel_desc = 'Internet' and products.prod_category = 'Women' group by channels.channel_class, products.prod_name

56 select customers.cust_first_name, products.prod_name, sum(sales.quantity_sold) from sales, customers, products where sales.cust_id = customers.cust_id and sales.prod_id = products.prod_id and products.prod_status='available, on stock' and customers.cust_gender = 'M' group by customers.cust_first_name, products.prod_name

57 select customers.cust_first_name, products.prod_name, sum(sales.quantity_sold) from sales, customers, products where sales.cust_id = customers.cust_id and sales.prod_id = products.prod_id and products.prod_status='available, on stock' and customers.cust_gender = 'F' group by customers.cust_first_name, products.prod_name

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58 select customers.cust_first_name, products.prod_name, sum(sales.quantity_sold) from sales, cus-
    tomers, products where sales.cust_id = customers.cust_id and sales.prod_id = products.prod_id
    and products.prod_status='available, no stock' and customers.cust_gender ='M' group by custo-
    mers.cust_first_name, products.prod_name
59 select customers.cust_first_name, products.prod_name, sum(sales.quantity_sold) from sales, cus-
    tomers, products where sales.cust_id = customers.cust_id and sales.prod_id = products.prod_id
    and products.prod_status='available, no stock' and customers.cust_gender ='F' group by custo-
    mers.cust_first_name, products.prod_name
60 select customers.cust_first_name, products.prod_name, sum(sales.quantity_sold) from sales,
    customers, products, times where sales.cust_id = customers.cust_id and sales.prod_id =
    products.prod_id and sales.time_id = times.time_id and products.prod_status='available,
    no stock' and times.fiscal_year = 2000 and customers.cust_gender ='M' group by custo-
    mers.cust_first_name, products.prod_name
61 select customers.cust_first_name, products.prod_name, sum(sales.quantity_sold) from sales,
    customers, products, times where sales.cust_id = customers.cust_id and sales.prod_id =
    products.prod_id and sales.time_id = times.time_id and products.prod_status='available,
    on stock' and times.fiscal_year = 2000 and customers.cust_gender ='M' group by custo-
    mers.cust_first_name, products.prod_name
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