

Annexe C

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

```
1 for $a in //dimensionData/classification/Level[@node='CHANNELS']/node, $x
  in //CubeFacts/cube/Cell where $a/attribute/@name='CHANNEL_DESC'
  and $a/attribute/@value='Internet' and $x/dimension/@node=$a/@id and
  $x/dimension/@id='CHANNELS' group by(@CHANNEL_CLASS) return sum(quantity)
2 for $a in //dimensionData/classification/Level[@node='TIMES']/node, $x
  in //CubeFacts/cube/Cell where $a/attribute/@name='DAY_NAME' and
  $a/attribute/@value='Wednesday' and $x/dimension/@node=$a/@id and
  $x/dimension/@id='TIMES' group by(@DAY_NUMBER_IN_WEEK) return sum(quantity)
3 for $a in //dimensionData/classification/Level[@node='TIMES']/node, $x in //Cube-
  Facts/cube/Cell where $a/attribute/@name='DAY_NAME' and $a/attribute/@value='Friday'
  and $x/dimension/@node=$a/@id and $x/dimension/@id='TIMES' group
  by(@DAY_NUMBER_IN_WEEK) return sum(quantity)
4 for $a in //dimensionData/classification/Level[@node='TIMES']/node, $x in //Cube-
  Facts/cube/Cell where $a/attribute/@name='DAY_NAME' and $a/attribute/@value='Monday'
  and $x/dimension/@node=$a/@id and $x/dimension/@id='TIMES' group
  by(@DAY_NUMBER_IN_WEEK) return sum(quantity)
5 for $b in //dimensionData/classification/Level[@node='CUSTOMERS']/node, $x in //Cube-
  Facts/cube/Cell where $b/attribute/@name='CUST_CITY' and $b/attribute/@value='Lyon'
  and $x/dimension/@node=$b/@id and $x/dimension/@id='CUSTOMERS' group
  by(@CUST_POSTAL_CODE) return sum(quantity)
```

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```
6 for $b in //dimensionData/classification/Level[@node='CUSTOMERS']/node,
  $x in //CubeFacts/cube/Cell where $b/attribute/@name='CUST_CITY'
and $b/attribute/@value='Montpellier' and $x/dimension/@node=$b/@id and
  $x/dimension/@id='CUSTOMERS' group by(@CUST_GENDER) return sum(quantity)
7 for $a in //dimensionData/classification/Level[@node='PRODUCTS']/node, $x
in //CubeFacts/cube/Cell where $a/attribute/@name='PROD_NAME' and
  $a/attribute/@value='Coin Pocket Twill Cargo Trousers' and $x/dimension/@node=$a/@id
and $x/dimension/@id='PRODUCTS' group by(@PROD_LIST_PRICE) return sum(quantity)
8 for $a in //dimensionData/classification/Level[@node='PRODUCTS']/node, $x
in //CubeFacts/cube/Cell where $a/attribute/@name='PROD_NAME' and
  $a/attribute/@value='Coin Pocket Twill Cargo Trousers' and $x/dimension/@node=$a/@id
and $x/dimension/@id='PRODUCTS' group by(@PROD_LIST_PRICE) return sum(quantity)
9 for $a in //dimensionData/classification/Level[@node='TIMES']/node, $x
in //CubeFacts/cube/Cell where $a/attribute/@name='DAY_NAME' and
  $a/attribute/@value='Wednesday' and $x/dimension/@node=$a/@id and
  $x/dimension/@id='TIMES' group by(@DAY_NUMBER_IN_WEEK) return sum(quantity)
10 for $b in //dimensionData/classification/Level[@node='CUSTOMERS']/node, $x in //Cube-
Facts/cube/Cell where $b/attribute/@name='CUST_CITY' and $b/attribute/@value='Paris'
and $x/dimension/@node=$b/@id and $x/dimension/@id='CUSTOMERS' group
by(@CUST_GENDER) return sum(quantity)
```