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Tugas :

1. Dengan menggunakan PivotTable pada file Fakta\_penjualan.xls tambahkan 2 buah field yaitu :
  - a. PPN (pajak Pertambahan Nilai) sebesar 10% dari tiap pendapatan pada pivot table
  - b. Total Penghasilan yang dihitung dari pendapatan dikurangi dengan PPN tersebut
2. Buatlah pivot table dan PivotChart untuk melihat PPN dan otal Penghasilan tersebut selama tahun 2010-2012 . kategori produk apakah yang memberikan nilai penghasilan terbanyak selama 3 tahun tersebut.

Jawaban :

1. **A**

- a. buka sheet 1 fakta\_penjualan.xls, dan letakkan kursor kearea pivotTable
- b. Pada Menu Ribbon PivotTable Tools |Options, klik button formulas dan pilih Calculated Field.
- c. pada kontak dialog Insert Calculated Field yang muncul, masukan nilai kemudian klik OK
  - a)Name : ppn
  - b)Formula =  $10/100 * \text{pendapatan}$
- d. Field baru “ppn” akan muncul pada Pivot Table

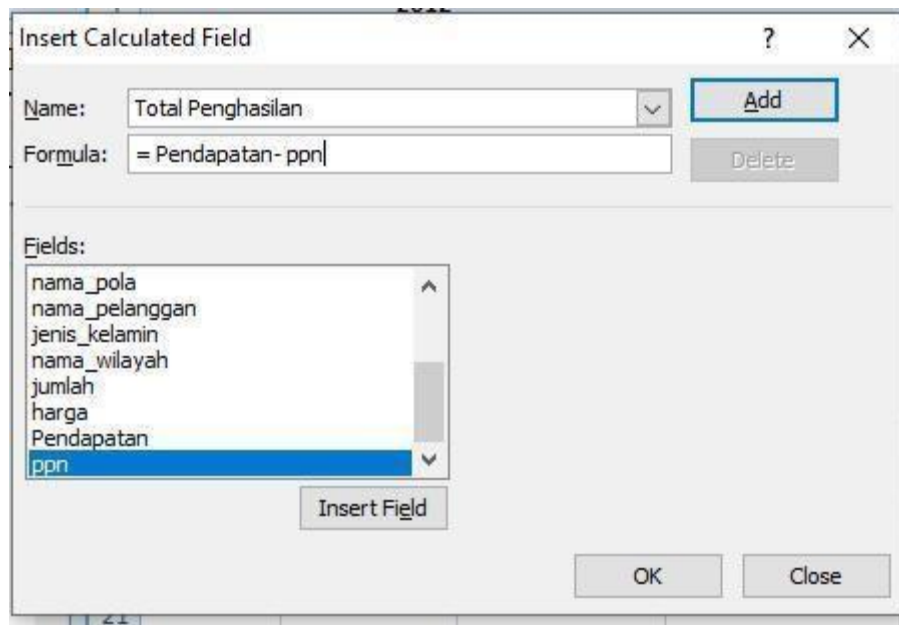
|    |            |               |                  |                   |   |     |    |           |          |
|----|------------|---------------|------------------|-------------------|---|-----|----|-----------|----------|
| 1  |            |               |                  |                   |   |     |    |           |          |
| 2  |            |               |                  |                   |   |     |    |           |          |
| 3  |            |               |                  |                   |   |     |    |           |          |
| 4  |            |               |                  |                   |   |     |    |           |          |
| 5  | 2012       |               |                  |                   | Total Sum of jumlah Total Count of jumlah2 Total Sum of Pendapatan Total Sum of ppn |     |    |           |          |
| 6  | Sum of ppn | Sum of jumlah | Count of jumlah2 | Sum of Pendapatan | Sum of ppn  |     |    |           |          |
| 7  | 96000      | 8             | 2                | 2120000           | 212000  | 17  | 4  | 15045000  | 1504500  |
| 8  | 0          | 1             | 1                | 150000            | 15000   | 1   | 1  | 150000    | 15000    |
| 9  | 22500      |               |                  | 0                 | 0   | 1   | 1  | 225000    | 22500    |
| 10 | 0          | 17            | 1                | 935000            | 93500   | 34  | 2  | 3740000   | 374000   |
| 11 | 496000     | 4             | 2                | 1596000           | 159600  | 17  | 5  | 19023000  | 1902300  |
| 12 | 0          | 44            | 1                | 3520000           | 352000  | 44  | 1  | 3520000   | 352000   |
| 13 | 45000      | 4             | 1                | 160000            | 16000   | 6   | 2  | 1590000   | 159000   |
| 14 | 6000       | 14            | 1                | 420000            | 42000   | 15  | 2  | 1350000   | 135000   |
| 15 | 0          | 1             | 1                | 225000            | 22500   | 1   | 1  | 225000    | 22500    |
| 16 | 15000      |               |                  | 0                 | 0   | 1   | 1  | 150000    | 15000    |
| 17 | 2940000    | 93            | 10               | 115692000         | 11569200  | 137 | 20 | 451963000 | 45196300 |
| 18 |            |               |                  |                   |   |     |    |           |          |
| 19 |            |               |                  |                   |   |     |    |           |          |

## B.

- buka sheet 1 fakta\_penjualan.xls, dan letakkan kursor ke area pivotTable
- Pada Menu Ribbon PivotTable Tools |Options, klik button formulas dan pilih Calculated Field.
- pada kotak dialog Insert Calculated Field yang muncul, masukan nilai kemudian klik OK

a)Name : Total Penghasilan

b)Formula = pendapatan - ppn

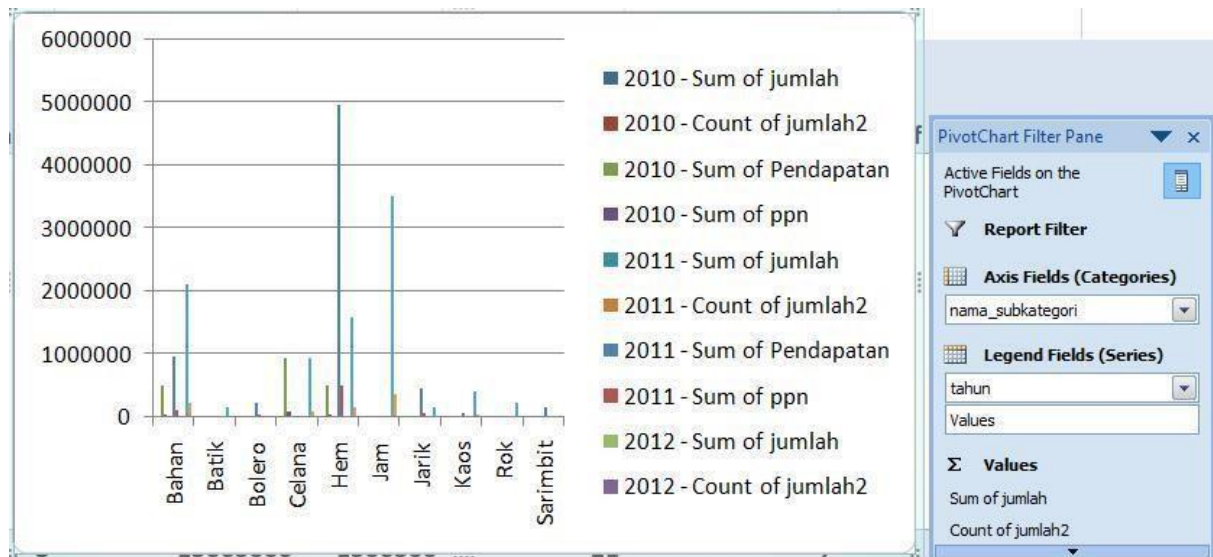


d. Field baru “Total Penghasilan” akan muncul pada Pivot Table

| 2012          |                  |                   |            |                          |     | Total Sum of jumlah | Total Count of jumlah2 | Total Sum of Total Penghasilan |
|---------------|------------------|-------------------|------------|--------------------------|-----|---------------------|------------------------|--------------------------------|
| Sum of jumlah | Count of jumlah2 | Sum of Pendapatan | Sum of ppn | Sum of Total Penghasilan |     |                     |                        |                                |
| 8             | 2                | 2120000           | 212000     | 1908000                  | 17  |                     | 4                      |                                |
| 1             | 1                | 150000            | 15000      | 135000                   | 1   |                     | 1                      |                                |
|               |                  | 0                 | 0          | 0                        | 1   |                     | 1                      |                                |
| 17            | 1                | 935000            | 93500      | 841500                   | 34  |                     | 2                      |                                |
| 4             | 2                | 1596000           | 159600     | 1436400                  | 17  |                     | 5                      |                                |
| 44            | 1                | 3520000           | 352000     | 3168000                  | 44  |                     | 1                      |                                |
| 4             | 1                | 160000            | 16000      | 144000                   | 6   |                     | 2                      |                                |
| 14            | 1                | 420000            | 42000      | 378000                   | 15  |                     | 2                      |                                |
| 1             | 1                | 225000            | 22500      | 202500                   | 1   |                     | 1                      |                                |
|               |                  | 0                 | 0          | 0                        | 1   |                     | 1                      |                                |
| 93            | 10               | 115692000         | 11569200   | 104122800                | 137 |                     | 20                     |                                |

|                   |            |                          |     | Total Sum of jumlah | Total Count of jumlah2 | Total Sum of Pendapatan | Total Sum of ppn |
|-------------------|------------|--------------------------|-----|---------------------|------------------------|-------------------------|------------------|
| Sum of Pendapatan | Sum of ppn | Sum of Total Penghasilan |     |                     |                        |                         |                  |
| 2120000           | 212000     | 1908000                  | 17  | 4                   | 15045000               | 1504500                 |                  |
| 150000            | 15000      | 135000                   | 1   | 1                   | 150000                 | 15000                   |                  |
| 0                 | 0          | 0                        | 1   | 1                   | 225000                 | 22500                   |                  |
| 935000            | 93500      | 841500                   | 34  | 2                   | 3740000                | 374000                  |                  |
| 1596000           | 159600     | 1436400                  | 17  | 5                   | 19023000               | 1902300                 |                  |
| 3520000           | 352000     | 3168000                  | 44  | 1                   | 3520000                | 352000                  |                  |
| 160000            | 16000      | 144000                   | 6   | 2                   | 1590000                | 159000                  |                  |
| 420000            | 42000      | 378000                   | 15  | 2                   | 1350000                | 135000                  |                  |
| 225000            | 22500      | 202500                   | 1   | 1                   | 225000                 | 22500                   |                  |
| 0                 | 0          | 0                        | 1   | 1                   | 150000                 | 15000                   |                  |
| 115692000         | 11569200   | 104122800                | 137 | 20                  | 451963000              | 45196300                |                  |

| Total Sum of jumlah | Total Count of jumlah2 | Total Sum of Pendapatan | Total Sum of ppn | Total Sum of Total Penghasilan |
|---------------------|------------------------|-------------------------|------------------|--------------------------------|
| 17                  | 4                      | 15045000                | 1504500          | 13540500                       |
| 1                   | 1                      | 150000                  | 15000            | 135000                         |
| 1                   | 1                      | 225000                  | 22500            | 202500                         |
| 34                  | 2                      | 3740000                 | 374000           | 3366000                        |
| 17                  | 5                      | 19023000                | 1902300          | 17120700                       |
| 44                  | 1                      | 3520000                 | 352000           | 3168000                        |
| 6                   | 2                      | 1590000                 | 159000           | 1431000                        |
| 15                  | 2                      | 1350000                 | 135000           | 1215000                        |
| 1                   | 1                      | 225000                  | 22500            | 202500                         |
| 1                   | 1                      | 150000                  | 15000            | 135000                         |
| 137                 | 20                     | 451963000               | 45196300         | 406766700                      |



2 . Membuat pivot Chart.

Kategori produk yang memberikan nilai penghasilan terbanyak selama 3 tahun adalah **hem**.