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 Class : X

## Practicum Report Module 5

Fakta Penjualan Table

|    | A     | B       | C     | D                            | E             | F                | G         | H                | I           | J            | K      | L      |
|----|-------|---------|-------|------------------------------|---------------|------------------|-----------|------------------|-------------|--------------|--------|--------|
| 1  | bulan | kuartal | tahun | nama_produk                  | nama_kategori | nama_subkategori | nama_pola | nama_pelanggan   | nis_kelamin | nama_wilayah | jumlah | harga  |
| 2  | 12    | 4       | 2011  | Jarik Standar Print Sogan    | Jarik         | Standar          | Print     | Bapak Ketut      | PRIA        | Bali         | 2      | 225000 |
| 3  | 1     | 1       | 2012  | Kaos Batik Cap Lukis         | Kaos          | Batik            | Cap       | Ibu Harini       | WANITA      | Jawa Timur   | 14     | 30000  |
| 4  | 4     | 2       | 2012  | Jarik Standar Tulis Sarimbit | Jarik         | Standar          | Tulis     | Ibu Harini       | WANITA      | Jawa Timur   | 4      | 40000  |
| 5  | 4     | 2       | 2011  | Hem Katun Print Kawung       | Hem           | Katun            | Print     | Ibu Harini       | WANITA      | Jawa Timur   | 3      | 70000  |
| 6  | 9     | 3       | 2012  | Batik Standar Cap Tumpal     | Batik         | Standar          | Cap       | Bapak Heru       | PRIA        | Jawa Timur   | 1      | 150000 |
| 7  | 5     | 2       | 2012  | Hem Katun Print Kelengan     | Hem           | Katun            | Print     | Bapak Totok      | PRIA        | Jawa Timur   | 3      | 299000 |
| 8  | 12    | 4       | 2011  | Bolero Standar Cap Sidomukti | Bolero        | Standar          | Cap       | Ibu Hatamah      | WANITA      | Jawa Timur   | 1      | 225000 |
| 9  | 10    | 4       | 2011  | Sarimbit Standar Print Lukis | Sarimbit      | Standar          | Print     | Ibu Hatamah      | WANITA      | Jawa Timur   | 1      | 150000 |
| 10 | 1     | 1       | 2011  | Kaos Katun Print Bola        | Kaos          | Katun            | Print     | Bapak Imron      | PRIA        | Jawa Barat   | 1      | 60000  |
| 11 | 2     | 1       | 2012  | Celana Standar Cap Warna     | Celana        | Standar          | Cap       | Ibu Hadi Sukarni | WANITA      | Jawa Barat   | 17     | 55000  |
| 12 | 3     | 1       | 2010  | Celana Standar Print Lasem   | Celana        | Standar          | Print     | Ibu Hadi Sukarni | WANITA      | Jawa Barat   | 17     | 55000  |
| 13 | 3     | 1       | 2011  | Bahan Standar Cap Lasem      | Bahan         | Standar          | Cap       | Ibu Siti Arya    | WANITA      | Jawa Barat   | 8      | 120000 |
| 14 | 12    | 4       | 2012  | Rok Batik Print Kombinasi    | Rok           | Batik            | Print     | Ibu Siti Arya    | WANITA      | Jawa Barat   | 1      | 225000 |
| 15 | 1     | 1       | 2012  | Jam Standar Print Lukis      | Jam           | Standar          | Print     | Ibu Siti Arya    | WANITA      | Jawa Barat   | 44     | 80000  |
| 16 | 9     | 3       | 2012  | Hem Standar Cap Tumpal       | Hem           | Standar          | Cap       | Ibu Aini Kasmaji | WANITA      | Jawa Tengah  | 1      | 100000 |
| 17 | 6     | 2       | 2012  | Bahan Lawasan Tulis Tolet    | Bahan         | Lawasan          | Tulis     | Ibu Niken        | WANITA      | Jawa Tengah  | 1      | 130000 |
| 18 | 8     | 3       | 2011  | Hem Standar Tulis Madura     | Hem           | Standar          | Tulis     | Ibu Atik         | WANITA      | Jawa Tengah  | 5      | 550000 |
| 19 | 4     | 2       | 2012  | Bahan Standar Cap Garis      | Bahan         | Standar          | Cap       | Ibu Tyas         | WANITA      | Jawa Tengah  | 7      | 135000 |
| 20 | 6     | 2       | 2010  | Bahan Beludru Cap Mahkota    | Bahan         | Beludru          | Cap       | Ibu Tyas         | WANITA      | Jawa Tengah  | 1      | 500000 |
| 21 | 11    | 4       | 2010  | Hem Sutra Print Rama         | Hem           | Sutra            | Print     | Ibu Tyas         | WANITA      | Jawa Tengah  | 5      | 100000 |

### 1. Activity 1

Use the pivot table by placing the **nama\_kategori** field in the **Rows Tables** box, the **tahun** field in the **Column Labels** box, and the **jumlah** field in the **Value** box.

|    | A           | B | C    | D    | E    | F           | G | H | I | J | K | L | M | N | O | P |
|----|-------------|---|------|------|------|-------------|---|---|---|---|---|---|---|---|---|---|
| 4  | Row Labels  |   | 2010 | 2011 | 2012 | Grand Total |   |   |   |   |   |   |   |   |   |   |
| 5  | Bahan       |   | 1    | 8    | 8    | 17          |   |   |   |   |   |   |   |   |   |   |
| 6  | Batik       |   |      |      | 1    | 1           |   |   |   |   |   |   |   |   |   |   |
| 7  | Bolero      |   |      | 1    |      | 1           |   |   |   |   |   |   |   |   |   |   |
| 8  | Celana      |   | 17   |      | 17   | 34          |   |   |   |   |   |   |   |   |   |   |
| 9  | Hem         |   | 5    | 8    | 4    | 17          |   |   |   |   |   |   |   |   |   |   |
| 10 | Jam         |   |      |      | 44   | 44          |   |   |   |   |   |   |   |   |   |   |
| 11 | Jarik       |   |      | 2    | 4    | 6           |   |   |   |   |   |   |   |   |   |   |
| 12 | Kaos        |   |      | 1    | 14   | 15          |   |   |   |   |   |   |   |   |   |   |
| 13 | Rok         |   |      |      | 1    | 1           |   |   |   |   |   |   |   |   |   |   |
| 14 | Sarimbit    |   |      |      | 1    | 1           |   |   |   |   |   |   |   |   |   |   |
| 15 | Grand Total |   | 23   | 21   | 93   | 137         |   |   |   |   |   |   |   |   |   |   |
| 16 |             |   |      |      |      |             |   |   |   |   |   |   |   |   |   |   |
| 17 |             |   |      |      |      |             |   |   |   |   |   |   |   |   |   |   |
| 18 |             |   |      |      |      |             |   |   |   |   |   |   |   |   |   |   |
| 19 |             |   |      |      |      |             |   |   |   |   |   |   |   |   |   |   |
| 20 |             |   |      |      |      |             |   |   |   |   |   |   |   |   |   |   |
| 21 |             |   |      |      |      |             |   |   |   |   |   |   |   |   |   |   |
| 22 |             |   |      |      |      |             |   |   |   |   |   |   |   |   |   |   |
| 23 |             |   |      |      |      |             |   |   |   |   |   |   |   |   |   |   |
| 24 |             |   |      |      |      |             |   |   |   |   |   |   |   |   |   |   |
| 25 |             |   |      |      |      |             |   |   |   |   |   |   |   |   |   |   |

### PivotTable Fields

Choose fields to add to report:

- ☒ tahun
- ☐ nama\_produk
- ☒ nama\_kategori
- ☐ nama\_subkategori
- ☐ nama\_pola
- ☐ nama\_pelanggan
- ☐ jenis\_kelamin
- ☐ nama\_wilayah
- ☒ jumlah
- ☐ harga

Drag fields between areas below:

**FILTERS**

**COLUMNS**

tahun

**ROWS**

nama\_kategori

**VALUES**

Sum of jumlah

## 2. Activity 2

Continue from activity 1 by adding the **jumlah** field to the **Value** box and then entering the **Value Field Settings** and changing the calculation type to **Count**.

|    | A           | B             | C                | D             | E                | F             | G                | H                   | I                      | J |
|----|-------------|---------------|------------------|---------------|------------------|---------------|------------------|---------------------|------------------------|---|
| 4  |             | 2010          |                  | 2011          |                  | 2012          |                  | Total Sum of jumlah | Total Count of jumlah2 |   |
| 5  | Row Labels  | Sum of jumlah | Count of jumlah2 | Sum of jumlah | Count of jumlah2 | Sum of jumlah | Count of jumlah2 |                     |                        |   |
| 6  | Bahan       | 1             | 1                | 8             | 1                | 8             | 2                | 17                  | 4                      |   |
| 7  | Batik       |               |                  |               |                  | 1             | 1                | 1                   | 1                      |   |
| 8  | Bolero      |               |                  | 1             | 1                |               |                  | 1                   | 1                      |   |
| 9  | Celana      | 17            | 1                |               |                  | 17            | 1                | 34                  | 2                      |   |
| 10 | Hem         | 5             | 1                | 8             | 2                | 4             | 2                | 17                  | 5                      |   |
| 11 | Jam         |               |                  |               |                  | 44            | 1                | 44                  | 1                      |   |
| 12 | Jarik       |               |                  | 2             | 1                | 4             | 1                | 6                   | 2                      |   |
| 13 | Kaos        |               |                  | 1             | 1                | 14            | 1                | 15                  | 2                      |   |
| 14 | Rok         |               |                  |               |                  | 1             | 1                | 1                   | 1                      |   |
| 15 | Sarimbit    |               |                  | 1             | 1                |               |                  | 1                   | 1                      |   |
| 16 | Grand Total | 23            | 3                | 21            | 7                | 93            | 10               | 137                 | 20                     |   |

**PivotTable Fields**

Choose fields to add to report:

- ☒ tahun
- ☐ nama\_produk
- ☒ nama\_kategori
- ☐ nama\_subkategori
- ☐ nama\_pola
- ☐ nama\_pelanggan
- ☐ jenis\_kelamin
- ☐ nama\_wilayah
- ☒ jumlah
- ☐ harga

Drag fields between areas below:

**FILTERS**

**COLUMNS**

tahun

Σ Values

**ROWS**

nama\_kategori

Σ VALUES

Sum of jumlah

Count of jumlah2

## 3. Activity 3

### a. Calculated Field

Use the **Calculated Field** by entering the **jumlah** and **harga** fields with the output of **sum of pendapatan**.

**Insert Calculated Field**

Name: Pendapatan

Formula: =jumlah \* harga

Fields:

- nama\_kategori
- nama\_subkategori
- nama\_pola
- nama\_pelanggan
- jenis\_kelamin
- nama\_wilayah
- jumlah
- harga

Insert Field

OK Close

|    | A           | B             | C                | D                 | E             | F                | G                 | H             | I                |
|----|-------------|---------------|------------------|-------------------|---------------|------------------|-------------------|---------------|------------------|
| 4  |             | 2010          |                  | 2011              |               | 2012             |                   |               |                  |
| 5  | Row Labels  | Sum of jumlah | Count of jumlah2 | Sum of Pendapatan | Sum of jumlah | Count of jumlah2 | Sum of Pendapatan | Sum of jumlah | Count of jumlah2 |
| 6  | Bahan       | 1             | 1                | 500000            | 8             | 1                | 960000            | 8             | 2                |
| 7  | Batik       |               |                  | 0                 |               |                  | 0                 | 1             | 1                |
| 8  | Bolero      |               |                  | 0                 | 1             | 1                | 225000            |               |                  |
| 9  | Celana      | 17            | 1                | 935000            |               |                  | 0                 | 17            | 1                |
| 10 | Hem         | 5             | 1                | 500000            | 8             | 2                | 4960000           | 4             | 2                |
| 11 | Jam         |               |                  | 0                 |               |                  | 0                 | 44            | 1                |
| 12 | Jarik       |               |                  | 0                 | 2             | 1                | 450000            | 4             | 1                |
| 13 | Kaos        |               |                  | 0                 | 1             | 1                | 60000             | 14            | 1                |
| 14 | Rok         |               |                  | 0                 |               |                  | 0                 | 1             | 1                |
| 15 | Sarimbit    |               |                  | 0                 | 1             | 1                | 150000            |               |                  |
| 16 | Grand Total | 23            | 3                | 15065000          | 21            | 7                | 29400000          | 93            | 10               |

|    | F                | G                 | H             | I                | J                 | K                   | L                      | M                       |
|----|------------------|-------------------|---------------|------------------|-------------------|---------------------|------------------------|-------------------------|
| 4  |                  |                   |               |                  |                   |                     |                        |                         |
| 5  |                  |                   | 2012          |                  |                   |                     |                        |                         |
| 6  | Count of jumlah2 | Sum of Pendapatan | Sum of jumlah | Count of jumlah2 | Sum of Pendapatan | Total Sum of jumlah | Total Count of jumlah2 | Total Sum of Pendapatan |
| 7  | 1                | 960000            | 8             | 2                | 2120000           | 17                  | 4                      | 15045000                |
| 8  |                  | 0                 | 1             | 1                | 150000            | 1                   | 1                      | 150000                  |
| 9  | 1                | 225000            |               |                  | 0                 | 1                   | 1                      | 225000                  |
| 10 |                  | 0                 | 17            | 1                | 935000            | 34                  | 2                      | 3740000                 |
| 11 | 2                | 4960000           | 4             | 2                | 1596000           | 17                  | 5                      | 19023000                |
| 12 |                  | 0                 | 44            | 1                | 3520000           | 44                  | 1                      | 3520000                 |
| 13 | 1                | 450000            | 4             | 1                | 160000            | 6                   | 2                      | 1590000                 |
| 14 | 1                | 60000             | 14            | 1                | 420000            | 15                  | 2                      | 1350000                 |
| 15 |                  | 0                 | 1             | 1                | 225000            | 1                   | 1                      | 225000                  |
| 16 | 1                | 150000            |               |                  | 0                 | 1                   | 1                      | 150000                  |
| 17 | 7                | 29400000          | 93            | 10               | 115692000         | 137                 | 20                     | 451963000               |
| 18 |                  |                   |               |                  |                   |                     |                        |                         |
| 19 |                  |                   |               |                  |                   |                     |                        |                         |
| 20 |                  |                   |               |                  |                   |                     |                        |                         |
| 21 |                  |                   |               |                  |                   |                     |                        |                         |
| 22 |                  |                   |               |                  |                   |                     |                        |                         |
| 23 |                  |                   |               |                  |                   |                     |                        |                         |
| 24 |                  |                   |               |                  |                   |                     |                        |                         |
| 25 |                  |                   |               |                  |                   |                     |                        |                         |
| 26 |                  |                   |               |                  |                   |                     |                        |                         |
| 27 |                  |                   |               |                  |                   |                     |                        |                         |

PivotTable Fields

Choose fields to add to report:

☒ tahun  
☐ nama\_produk  
☒ nama\_kategori  
☐ nama\_subkategori  
☐ nama\_pola  
☐ nama\_pelanggan  
☐ jenis\_kelamin  
☐ nama\_wilayah  
☒ jumlah  
☐ harga

Drag fields between areas below:

FILTERS

tahun

Σ Values

ROWS

nama\_kategori

Sum of ju...

Count of j...

Sum of Pe...

COLUMNS

VALUES

- Use the Roll Up and Drill Down operations by removing the **jumlah** fields in the **Value** box then adding the **nama\_produk** and **nama\_subkategori** fields to the **Rows Labels** box and also adding the **bulan** and **kuartal** fields to the **Column Labels**.

PivotTable Fields

Choose fields to add to report:

☒ bulan  
☒ kuartal  
☒ tahun  
☒ nama\_produk  
☒ nama\_kategori  
☒ nama\_subkategori  
☐ nama\_pola  
☐ nama\_pelanggan  
☐ jenis\_kelamin  
☐ nama\_wilayah

Drag fields between areas below:

FILTERS

COLUMNS

tahun

bulan

kuartal

ROWS

nama\_kategori

nama\_produk

nama\_subkategori

VALUES

Sum of Pendapatan





## Assignment

- With the **Pivot Table** adding the **PPN** amount by 10% and the Total Income from the **sum of pendapatan** minus PPN.

|    | A           | B                 | C                | D                        | E                       | F                      | G                              |
|----|-------------|-------------------|------------------|--------------------------|-------------------------|------------------------|--------------------------------|
| 1  |             |                   |                  |                          |                         |                        |                                |
| 2  |             |                   |                  |                          |                         |                        |                                |
| 3  |             | Column Labels     |                  |                          |                         |                        |                                |
| 4  |             | 2012              |                  |                          |                         |                        |                                |
| 5  | Row Labels  | Sum of Pendapatan | Sum of PPN (10%) | Sum of Total Penghasilan | Total Sum of Pendapatan | Total Sum of PPN (10%) | Total Sum of Total Penghasilan |
| 6  | Bahan       | 2120000           | 212000           | 1908000                  | 2120000                 | 212000                 | 1908000                        |
| 7  | Batik       | 150000            | 15000            | 135000                   | 150000                  | 15000                  | 135000                         |
| 8  | Celana      | 935000            | 93500            | 841500                   | 935000                  | 93500                  | 841500                         |
| 9  | Hem         | 1596000           | 159600           | 1436400                  | 1596000                 | 159600                 | 1436400                        |
| 10 | Jam         | 3520000           | 352000           | 3168000                  | 3520000                 | 352000                 | 3168000                        |
| 11 | Jarik       | 160000            | 16000            | 144000                   | 160000                  | 16000                  | 144000                         |
| 12 | Kaos        | 420000            | 42000            | 378000                   | 420000                  | 42000                  | 378000                         |
| 13 | Rok         | 225000            | 22500            | 202500                   | 225000                  | 22500                  | 202500                         |
| 14 | Grand Total | 115692000         | 11569200         | 104122800                | 115692000               | 11569200               | 104122800                      |
| 15 |             |                   |                  |                          |                         |                        |                                |
| 16 |             |                   |                  |                          |                         |                        |                                |
| 17 |             |                   |                  |                          |                         |                        |                                |

- Make a **PivotTable** and **PivotChart** to see PPN and Total income during the year 2010 - 2012.

|    | B | C                 | D                | E                        | F                 | G                | H                        | I                 |
|----|---|-------------------|------------------|--------------------------|-------------------|------------------|--------------------------|-------------------|
| 1  |   |                   |                  |                          |                   |                  |                          |                   |
| 2  |   |                   |                  |                          |                   |                  |                          |                   |
| 3  |   | Column Labels     |                  |                          |                   |                  |                          |                   |
| 4  |   | 2010              |                  | 2011                     |                   | 2012             |                          |                   |
| 5  |   | Sum of Pendapatan | Sum of PPN (10%) | Sum of Total Penghasilan | Sum of Pendapatan | Sum of PPN (10%) | Sum of Total Penghasilan | Sum of Pendapatan |
| 6  |   | 500000            | 50000            | 450000                   | 960000            | 96000            | 864000                   | 2120000           |
| 7  |   | 0                 | 0                | 0                        | 0                 | 0                | 0                        | 150000            |
| 8  |   | 0                 | 0                | 0                        | 225000            | 22500            | 202500                   | 0                 |
| 9  |   | 935000            | 93500            | 841500                   | 0                 | 0                | 0                        | 935000            |
| 10 |   | 0                 | 0                | 0                        | 210000            | 21000            | 189000                   | 0                 |
| 11 |   | 500000            | 50000            | 450000                   | 2750000           | 275000           | 2475000                  | 1596000           |
| 12 |   | 0                 | 0                | 0                        | 0                 | 0                | 0                        | 3520000           |
| 13 |   | 0                 | 0                | 0                        | 450000            | 45000            | 405000                   | 160000            |
| 14 |   | 0                 | 0                | 0                        | 60000             | 6000             | 54000                    | 420000            |
| 15 |   | 0                 | 0                | 0                        | 0                 | 0                | 0                        | 225000            |
| 16 |   | 0                 | 0                | 0                        | 150000            | 15000            | 135000                   | 0                 |
| 17 |   | 15065000          | 1506500          | 13558500                 | 29400000          | 2940000          | 26460000                 | 115692000         |
| 18 |   |                   |                  |                          |                   |                  |                          |                   |
| 19 |   |                   |                  |                          |                   |                  |                          |                   |
| 20 |   |                   |                  |                          |                   |                  |                          |                   |
| 21 |   |                   |                  |                          |                   |                  |                          |                   |
| 22 |   |                   |                  |                          |                   |                  |                          |                   |