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Kelas : D

MODUL 5

- Membuat tabel pada excel disimpan dengan nama **“Fakta_Penjualan.xls”**

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| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O |
|----|-------|---------|-------|-------------------------------|---------------|------------------|-----------|------------------|---------------|--------------|--------|--------|---|---|---|
| | bulan | kuartal | tahun | nama_produk | nama_kategori | nama_subkategori | nama_pola | nama_pelanggan | jenis_kelamin | nama_wilayah | jumlah | harga | | | |
| 1 | 12 | 4 | 2011 | Jarik Standar Print Sogan | Standar | Jarik | Print | Bapak Ketut | PRIA | Bali | 2 | 225000 | | | |
| 2 | 1 | 1 | 2012 | Kaos Batik Cap Lukis | Standar | Kaos | Cap | Ibu Harini | WANITA | Jawa Timur | 14 | 30000 | | | |
| 3 | 4 | 2 | 2012 | Jarik Standar Tulis Sarimbit | Standar | Jarik | Tulis | Ibu Harini | WANITA | Jawa Timur | 4 | 40000 | | | |
| 4 | 4 | 2 | 2011 | Hem Katun Print Kawung | Katun | Hem | Print | Ibu Harini | WANITA | Jawa Timur | 3 | 70000 | | | |
| 5 | 9 | 3 | 2012 | Batik Standar Cap Tumpal | Standar | Batik | Cap | Bapak Heru | PRIA | Jawa Timur | 1 | 150000 | | | |
| 6 | 5 | 2 | 2012 | Hem Katun Print Kelengan | Katun | Hem | Print | Bapak Totok | PRIA | Jawa Timur | 3 | 299000 | | | |
| 7 | 12 | 4 | 2011 | Balero Standar Cap Sido Mukti | Standar | Balero | Cap | Ibu Hatamah | WANITA | Jawa Timur | 1 | 125000 | | | |
| 8 | 10 | 4 | 2011 | Sarimbit Standar Print Lukis | Standar | sarimbit | Print | Ibu Hatamah | WANITA | Jawa Timur | 1 | 150000 | | | |
| 9 | 1 | 1 | 2011 | Kaos Katun Print Bola | Katun | Kaos | Print | Bapak Imron | PRIA | Jawa Barat | 1 | 60000 | | | |
| 10 | 2 | 1 | 2012 | Celana Standar Cap Warna | Standar | Celana | Cap | Ibu Hadi Sukarni | WANITA | Jawa Barat | 17 | 55000 | | | |
| 11 | 3 | 1 | 2010 | Celana Standar Cap Warna | Standar | Celana | Print | Ibu Hadi Sukarni | WANITA | Jawa Barat | 17 | 55000 | | | |
| 12 | 3 | 1 | 2011 | Bahan Standar Cap Lasem | Standar | Bahan | Cap | Ibu Siti Arya | WANITA | Jawa Barat | 8 | 120000 | | | |
| 13 | 12 | 4 | 2012 | Rok Batik Print Kombinasi | Batik | Rok | Print | Ibu Siti Arya | WANITA | Jawa Barat | 1 | 225000 | | | |
| 14 | 1 | 1 | 2012 | Jam Standar Print Lukis | Standar | Jam | Print | Ibu Siti Arya | WANITA | Jawa Barat | 44 | 80000 | | | |
| 15 | 9 | 3 | 2012 | Hem Standar Cap Tumpal | Standar | Hem | Cap | Ibu Aini Kasmaji | WANITA | Jawa Tengah | 1 | 100000 | | | |
| 16 | 6 | 2 | 2012 | Bahan Lawasan Tulis Toilet | Lawasan | Bahan | Tulis | Ibu Niken | WANITA | Jawa Tengah | 1 | 130000 | | | |
| 17 | 8 | 3 | 2011 | Hem Standar Tulis Madura | Standar | Hem | Tulis | Ibu Atik | WANITA | Jawa Tengah | 5 | 550000 | | | |
| 18 | 4 | 2 | 2012 | Bahan Standar Cap Garis | Standar | Bahan | Cap | Ibu Tyas | WANITA | Jawa Tengah | 7 | 135000 | | | |
| 19 | 6 | 2 | 2010 | Bahan Beludru Cap Mahkota | Beludru | Bahan | Cap | Ibu Tyas | WANITA | Jawa Tengah | 1 | 500000 | | | |
| 20 | 11 | 4 | 2010 | Hem Sutra Print Rama | Sutra | Hem | Print | Ibu Tyas | WANITA | Jawa Tengah | 5 | 100000 | | | |
| 21 | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | |

Sheet2

Sheet1

- Pada Pivot Table Field List, menyusun layout field dengan urutan :

- Field nama_subkategori di kotak Row Labels
- Field tahun di kotak Column Labels
- Field jumlah di kotak Values

Dan akan menghasilkan suatu tabel dengan grouping field nama_subkategori pada bagian baris, field tahun pada kolom. Sedangkan nilai total jumlah_unit ditempatkan pada cell-cell hasil perpotongan item grouping baris dan kolom tersebut.

| Row Labels | 2010 | 2011 | 2012 | Grand Total |
|--------------------|-----------|-----------|-----------|-------------|
| Bahan | 1 | 8 | 8 | 17 |
| Balero | 1 | | | 1 |
| Batik | | | 1 | 1 |
| Celana | 17 | 17 | | 34 |
| Hem | 5 | 8 | 4 | 17 |
| Jam | 2 | | 44 | 44 |
| Jarik | 2 | 4 | | 6 |
| Kaos | 1 | 14 | | 15 |
| Rok | 1 | 1 | | 1 |
| sarimbit | | 1 | | 1 |
| Grand Total | 23 | 21 | 93 | 137 |

[illegible]

- Calculated Field, jika kita ingin mencari jumlah pendapatan yang diperoleh berdasarkan jumlah produk yang terjual dikalikan dengan harga produk menggunakan Pivot Table dengan menggunakan **Calculated Field**

| | | | | | | | | | | | | | | |
|----|-------------|----------------|------------------|-------------------|---------------|------------------|-------------------|---------------|-----------------|-------------------|---------------------|------------------------|-------------------------|---|
| | A | B | C | D | E | F | G | H | I | J | K | L | M | N |
| 1 | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | |
| 3 | | Column Labels: | | | | | | | | | | | | |
| 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 jumlah | Sum of Pendapatan | Total Sum of jumlah | Total Count of jumlah2 | Total Sum of Pendapatan | |
| 6 | Bahan | 1 | 1 | 500000 | 8 | 1 | 960000 | 8 | | 2120000 | 17 | | 15045000 | |
| 7 | Balero | | | 0 | 1 | 1 | 225000 | | | 0 | 1 | | 225000 | |
| 8 | Batik | | | 0 | | | 0 | 1 | | 150000 | 1 | | 150000 | |
| 9 | Celana | 17 | 1 | 935000 | | | 0 | 17 | | 935000 | 34 | | 3740000 | |
| 10 | Hem | 5 | 1 | 500000 | 8 | 2 | 4960000 | 4 | | 1596000 | 17 | | 19023000 | |
| 11 | Jam | | | 0 | | | 0 | 44 | | 3520000 | 44 | | 3520000 | |
| 12 | Jarik | | | 0 | 2 | 1 | 450000 | 4 | | 160000 | 6 | | 1590000 | |
| 13 | Kaos | | | 0 | 1 | 1 | 60000 | 14 | | 420000 | 15 | | 1350000 | |
| 14 | Rok | | | 0 | | | 0 | 1 | | 225000 | 1 | | 225000 | |
| 15 | sarimbit | | | 0 | 1 | 1 | 150000 | | | 0 | 1 | | 150000 | |
| 16 | Grand Total | 23 | 3 | 15065000 | 21 | 7 | 29400000 | 93 | | 115692000 | 137 | | 451963000 | |
| 17 | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | |

- Operasi Roll Up dan Drill Down, digunakan untuk melihat data secara lebih rinci dan secara lebih umum berdasarkan kategori tertentu pada sebuah data, seperti gambar dibawah ini

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | | |
|----|-------------------|---------------|---------|---------|---------|---------|---------|----------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Sum of Pendapatan | Column Labels | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | 2010 | | 2011 | | 2012 | | 2013 | | 2014 | | 2015 | | 2016 | | 2017 | | 2018 | | 2019 | | 2020 | | 2021 | | 2022 | | |
| 5 | Row Labels | 1 Total | 2 Total | 3 Total | 4 Total | 5 Total | 6 Total | 7 Total | 8 Total | 9 Total | 10 Total | 11 Total | 12 Total | 13 Total | 14 Total | 15 Total | 16 Total | 17 Total | 18 Total | 19 Total | 20 Total | 21 Total | 22 Total | 23 Total | 24 Total | 25 Total | 26 Total | |
| 6 | Bahan | 0 | 0 | 500000 | 500000 | 0 | 0 | 500000 | 0 | 960000 | 960000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 960000 | 0 | 0 | 0 | 945000 | 0 | 130000 | 2120000 | | |
| 7 | Balero | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 225000 | 225000 | 225000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 8 | Batik | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 9 | Celana | 935000 | 935000 | 0 | 0 | 0 | 0 | 935000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 935000 | 935000 | 0 | 0 | 0 | 0 | 0 | |
| 10 | Hem | 0 | 0 | 0 | 0 | 500000 | 500000 | 500000 | 0 | 0 | 0 | 210000 | 210000 | 2750000 | 2750000 | 0 | 0 | 0 | 4960000 | 0 | 0 | 0 | 897000 | 0 | 897000 | 0 | 897000 | |
| 11 | Jam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3520000 | 0 | 3520000 | 0 | 0 | 0 | 0 | 0 | |
| 12 | Jarik | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 450000 | 450000 | 450000 | 0 | 0 | 0 | 160000 | 0 | 160000 | | |
| 13 | Kaos | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60000 | 0 | 60000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60000 | 420000 | 0 | 420000 | 0 | 0 | 0 | 0 | 0 | |
| 14 | Rok | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 15 | sarimbit | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150000 | 0 | 150000 | 150000 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 16 | Grand Total | 935000 | 935000 | 500000 | 500000 | 500000 | 500000 | 15065000 | 60000 | 960000 | 1620000 | 210000 | 210000 | 2750000 | 2750000 | 150000 | 1350000 | 2400000 | 29400000 | 6380000 | 935000 | 12375000 | 1925000 | 897000 | 130000 | 9060000 | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

- Gambar dibawah menggunakan PivotChart yang merupakan sebuah cara untuk menampilkan cube dalam bentuk grafik.

