**Pivot**

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Pivot digunakan jika ingin mengubah data dari bentuk baris menjadi bentuk kolom.

Contoh :

|  |  |  |
| --- | --- | --- |
| **SalesPerson** | **Product** | **SalesAmount** |
| Bob | Pickles | $100.00 |
| Sue | Oranges | $50.00 |
| Bob | Pickles | $25.00 |
| Bob | Oranges | $300.00 |
| Sue | Oranges | $500.00 |

SELECT SalesPerson, [Oranges] AS Oranges, [Pickles] AS Pickles

FROM

(SELECT SalesPerson, Product, SalesAmount

FROM ProductSales ) ps

PIVOT

(

SUM (SalesAmount)

FOR Product IN

( [Oranges], [Pickles])

) AS pvt

|  |  |  |
| --- | --- | --- |
| **SalesPerson** | **Oranges** | **Pickles** |
| Bob | $300.00 | $125.00 |
| Sue | $550.00 |  |

Atau bisa juga dengan :

Declare @Query as varchar(1000)

Declare @ColumnName as varchar(1000)

Select @ColumnName = Isnull(@ColumnName + ‘,’ , ’’) + QuoteName(Product,’[]’)

From (select distinct Product from ProductSales) as prod

Set @Query = ‘Select \*

From

(SELECT SalesPerson, Product, SalesAmount

FROM ProductSales ) ps

PIVOT

(

SUM (SalesAmount)

FOR Product IN( ‘ + @ColumnName + ‘)

) AS pvt’

Exec (@Query)