Adding Measures

How to add Measures

Go to Pivot Table Field

↓

Right click : Sales Table

↓

Click : Add Measure

↓

Measure dialogue Box Appears

```
Table Name :

Measure Name :

Value Discription :
                    [ Check DAX Formula ]
    ┌─────────────────────────────┐
    │ = measure area 1            │
    │                             │
    └─────────────────────────────┘

    ┌──────────┐
    │ Cateogry │
    │          │
    └──────────┘          [OK] [Cancel]
```

→ we can click here to check whether our formula is correct or not.

→ to increase it's text size
⇓
put cursor here

[Hold ctrl key
        +
scroll mouse wheel]

1.) measure 1 = Total Amount

⇓

Table Name : Sales
Measure Name : Total Amount

= sum (Sales [Amount])   (formula)

Now,

set   Cateogry
        ↓
    currency fourmat, 1000 seprator

Now,
    You'll see in the sales table
                ↓
    we' have ☐ fx Total Amount added
                ↓
    exactly same as our Amout column
                ↓
    we don't have to repeat the
    foumating once we have made the
    foumating while creating measures.

                ↓

    Drop Original Amount.

(2.) Measure - 2 = Total Customers

Table Name : Sales

Measure Name : Total customers

Formula :   = Sum (sales [customers])

Now,
        formatting
              ↓
        just have 1000 seprator
                      ↓
                        OR

Note:-

when we add these measure in our
-pivot table ; it will show the same name
as column name as that of measure
name.

* Keep adding your measure in valees
section of pivot.

┌─────────┐   ┌─────────┐
│ Rows   │   │ Σ values│
└─────────┘   └─────────┘

. Product   . Total Amount

                      . Total customers
                             │
                             ┊
                             ┊ keep adding measu

(3.) Measure - 3 : = Average Sales

Table Name: Sales

Measure Name: Average Sales

Formula: = average (sales [Amount])

Now,

formatting;

currency, Decimal place = 1

↓

OK

(4.) Measure - 4 : = Amount per Customers

Table Name : Sales

Measure Name : Amount Per Customer

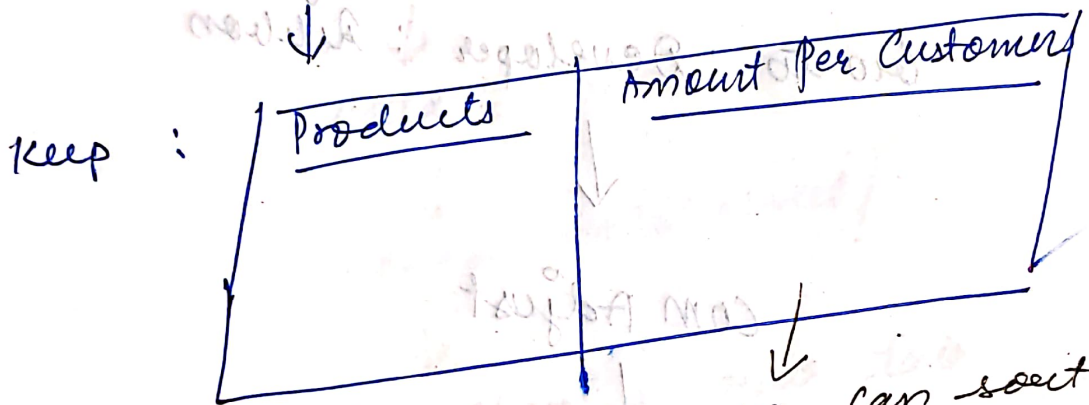Formula : = [Total Amount] / [Total Customers]

Now formatting;

. currency, Decimal = 1 place

↓

OK

<u>**Now**</u>

* Remove all the measure from pivot table

   ↓

   Just drop (select + drop) from "Σ Values" section

   ↓

Keep :

Products	Amount Per Customer

we can sort it or apply conditional formatting as per our wish / requirement

<u>**Now**</u>,

Add a " <u>slicer</u> as <u>Geography</u> "

(5°) Measure 5 = $\frac{\text{Total Cost}}{\wedge}$

Go to main table (excel workbook) where we made relation b/w 3 tables

↓

Select any cell of table

↓

Data : Ribbon

↓

Manage Data Model

←— — — —

↓

It will open a new table (tab like Power Query)

↓

Add Column in Sales-Table

↓

double click : Type ⇒ Cost per Box

↓

select a cell under heading

↓

write at top formula

fx = RELATED

or

related(products [Cost per Box])

if manage Data Model
is not visible

then ⬇

Go to : Developer : Ribbon

⬇

COM Adjust

⬇

☑ Microsoft ~~Excel~~ Power pivot for Excel

enable

⬇

| OK |

<u>Now</u>,

Again : Insert a new column in the
sales - table

↓

rename : Cost

↓

= sales [Cost per Boxes] * sales [Boxes]

↓

after makeing changes
:- close the window

↓

Now, go to pivot sheet

↓

You'll see cost & cost per Box
are part of Data model

<u>Note</u> :→ It doesn't matter where you add your
measure, you can put them on any
table & excel will still calculate
the answer (power pivot)

Add Measure

Total Cost

Table Name : Sales

Measure Name : Total Cost

Formula : = sum (sales [Cost])

formatting ;

currency, 1000 seprator

↓

OR

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(60) Measure - 6 = Profit

Table Name : Sales

Measure Name : Profit

Formula : = [Total Amount] - [Total Cost]

formatting ;

currency, 1000 seprator

↓

OK