جامعة الإمام عبدالرحمن بن فيصل
IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY
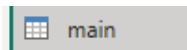
كلية علوم الحاسب وتقنية المعلومـات
College of Computer Science and Information Technology

Data Visualization

Transform phase:

```
  main
```

- Show the remaining days of the month

1. Add function Today in Excel, " =TODAY() "

2.

Custom Column

Add a column that is computed from the other columns.

New column name

EndOfthemonth

Custom column formula ⓘ

```
= Date.EndOfMonth([MDate])
```

Available columns

TodayDate
supplies
MBudget
Spending
MDate
Start Date
ContractBudget

<< Insert

Learn about Power Query formulas

✔ No syntax errors have been detected.

OK   Cancel

Custom Column

Add a column that is computed from the other columns.

New column name

RemingDays

Custom column formula ⓘ

```
= [EndOfthemonth]-[TodayDate]
```

Available columns

TodayDate
supplies
MBudget
Spending
MDate
Start Date
ContractBudget

<< Insert

Learn about Power Query formulas

✔ No syntax errors have been detected.

OK   Cancel

- Show Bein Sport(yearly) & Netflix(monthly) if are expired or not:

Bein:

Custom Column

Add a column that is computed from the other columns.

New column name

AddYBein

Custom column formula ⓘ

```
= Date.AddYears([Start Date],1)
```

Available columns

TodayDate
supplies
MBudget
Spending
MDate
Start Date
ContractBudget

<< Insert

Learn about Power Query formulas

✔ No syntax errors have been detected.

OK   Cancel

2. Netflix

Custom Column

Add a column that is computed from the other columns.

New column name

Netflix

Custom column formula ⓘ

```
= Date.AddMonths([Start Date],1)
```

Available columns

TodayDate
supplies
MBudget
Spending
MDate
Start Date
ContractBudget

<< Insert

Learn about Power Query formulas

✔ No syntax errors have been detected.

OK   Cancel

3. Expire date

Custom Column

Add a column that is computed from the other columns.

New column name

ExbireDate

Custom column formula ⓘ

```
= if [AddYBein]=null then "null"
  else if [supplies]= "Bein Sport" and [TodayDate]>[AddYBein]
   then "Expired"
  else if [NetflixAddMonth]="null" then "null"
  else if [supplies]= "Netflix" and [TodayDate]>
  [NetflixAddMonth] then "Expired"
  else if [supplies]= "Bein Sport" and [TodayDate]<[AddYBein]
   then "Not Expired"
  else if [supplies]= "Netflix" and [TodayDate]<
  [NetflixAddMonth] then "Not Expired"
  else "no need"
```

Available columns

TodayDate
supplies
MBudget
Spending
MDate
Start Date
ContractBudget

<< Insert

Learn about Power Query formulas

✔ No syntax errors have been detected.

OK   Cancel
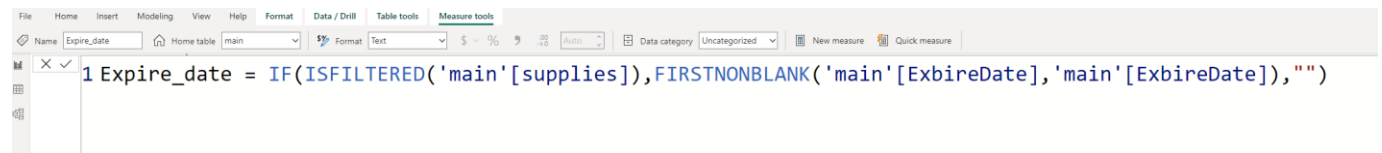
5. Trim Function [supplies]
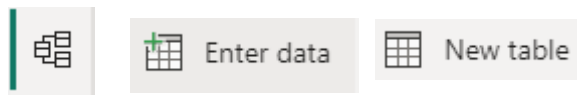
- Expire date in card and show the card empty until it filtered


```
1 Expire_date = IF(ISFILTERED('main'[supplies]),FIRSTNONBLANK('main'[ExbireDate],'main'[ExbireDate]),"")
```

- Show the employees name Re_order it in the graph as the following: 1. Rawan 2. Sarah 3. Rakan 4. Aseel 5. Abdulaziz 6. Ali 7. Mohammed
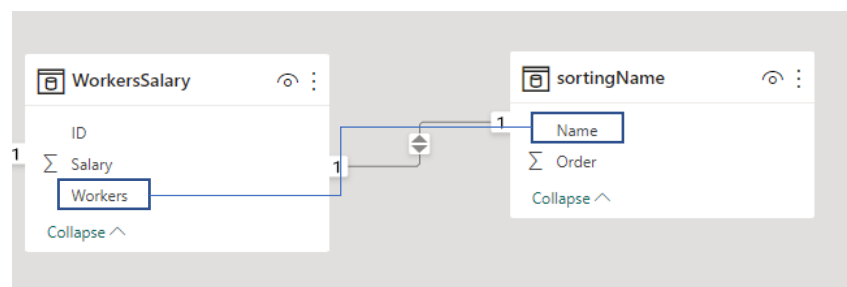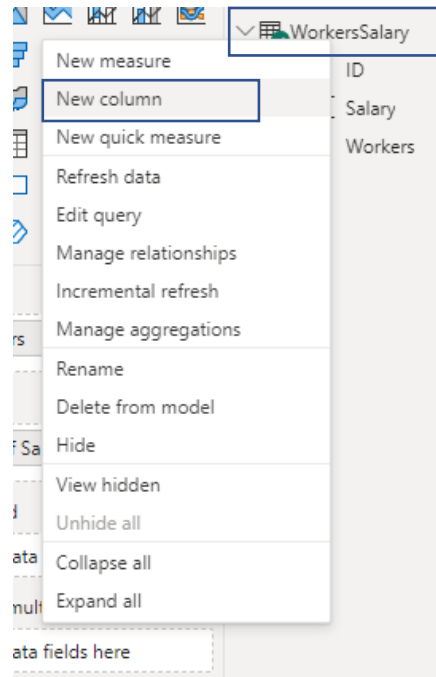

Create Table

	Name	Order	+
1	Mohammed	7	
2	Sarah	2	
3	Ali	6	
4	Rawan	1	
5	Aseel	4	
6	Rakan	3	
7	Abdulaziz	5	
+			

Name: sortingName

Load   Edit   Cancel

```
1 SN = RELATED(sortingName[Order])
```

Export data
Show as a table
Remove
Spotlight
Sort axis
Workers
Sum of Salary
Sort descending
Sort ascending