

1. Data Cleanup

#

Data

Present

in

Blank Data



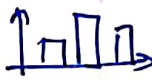
Practice : 3

⇒ files are saved
with

• PBIX

Making our 1st Visual in Power B.I

Geographic Sales Visual

Insert a column chart  from "Visualization Panel"

↓
column chart will be inserted in canvas Area

↓
we can move it or Resize it

Go to "Fields Panel"

↓
Location : Geo

↓
put it on "Axis" on Visual Panel

(Geo. will be on Axis)

↓
it will right now show blank

↓
only when we add a value

then only things will show
up



so, now add the value



Sales Table : Amount



Place : values

Note :-

* Sometimes we'll see a blank geography



This blank geography is coming from



Due to inconsistent spacing in
geography column of our table
i.e., blank spaces in the beginning

<u>Geography</u>
India
USA
New Zealand
USA
Canada

⇒ for example

(i) we can change the data in original excel workbook & clean it up & then Power BI will get the correct data & then it will be able to map the relationships and the blank will no longer appear.

(ii) we can clean the data at the Power BI level

Cleaning the data at Power BI level

(i) From Home Ribbon



Transform Data



it will open a separate screen of worksheet (Power Query)

Power Query:- It is the data processing engine of power BI

→ Using "Power Query"; we can tell Power BI how we would like our data to be processed, cleaned or reshaped

x - x - x - x - x - x - x - x - x - x - x -

↓

You can see inconsistent spacing in Geography Column

↓

We'll Trim (Trimming)

↓

To remove extra spaces in the beginning or at the end

↓

Right click on Geography Column ↓

Transform



Trim



Now, extra spaces will be removed

Note: ⇒ By editing in Power Query, our data in excel workbook won't change.

⇒ it is just applied in Power B.I

⇒ Power Query will "Repeat" the steps when you "Refresh" i.e., rule is applied automatic even if new data is entered in our main excel workbook.



close & Apply

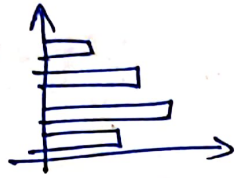


Now, in our Power B.I visuals, the things will automatically get changed.

Amount by Individual Sales

or Teams

Chose bar chart



from "Visualisation Panel".

(i) Put : sales person (field panel) in Axis
↓
Put : Amount in values

or

(ii) Put : Teams in Axis
Put : Amount in values

↓
we will again see a blank
bar i.e., data cleanup issues
arises.

↓
Blank bar! ⇒ People not having
any teams

Note:- If we click on any bar in 1 chart then corresponding chart will get reflected accordingly.

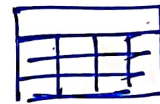
[∴ Power BI is very Interactive]

New;

Select blank bar



Add a Table :



Put sales person in values



The people appearing in the table corresponds to those who doesn't have any teams

Every Visuals in Power BI is Interactive

⇒ If you click on one visual
an item on that then all
other visuals instantly respond
and highlight or filter the values
that corresponds to what you
picked. ⇓
dynamic report set up

Now, to remove Blank

Go to Data View (left - middle icon)



People Table



Team : certain people don't have
team name instead the
box is empty

Now :

Go to Home :



Transform Data



↓
click : People Table

↓
Notice : Blank space appears
as null

↓
Right click on Teams

↓
Replace values

↓
A Dialogue BOX Appears

↓
value To find : null
Replace with : special/others

↓
A Rule will be updated

↓
close & Apply

↓
on our visuals , it will be
updated .