Power Bl Handbook



KIPRAGNO TECHNOLOGIES Your Digital Partner

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Kipragno Technologies Pvt Ltd presents you with a summarized handbook on Power BI. It consists of following points:



Important visuals with explanation



Best practices to follow in the industry



75+ advanced interview questions



Common challenges that we face while working with Power BI



Tips for technologies to master

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<u>Ribbon Chart</u>

1. Important visuals

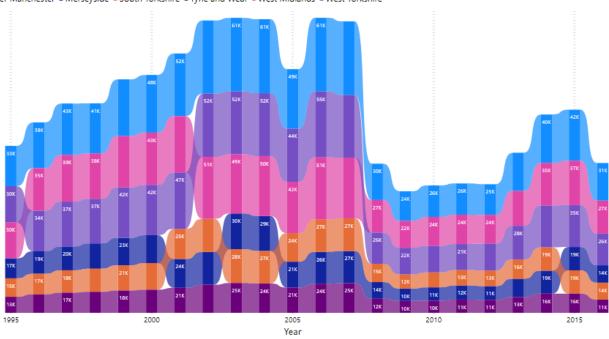
In simple terms, we can say that it is a combination of line and stacked column chart. It keeps higher values on top.

Points to remember:

- It is useful when we want to show trends along with the stacked values.
- Contrasting colours are recommended to clearly differentiate stacked values.
- Ribbon chart is a good option when we want to show the change in rank of stacked values over a period of time.

Sales volume by Year and Region name

Greater Manchester
Merseyside
South Yorkshire
Tyne and Wear
West Midlands
West Yorkshire



Word cloud

1. Important visuals

Word cloud is a custom visual by Microsoft Corporation. It creates a cloud like structure based on the frequency of the words. It can be used as a tool by the authors to remove repeated words. Also, it has uses in the problems related to Natural Language Processing.

Points to remember:

- Under *General* section of *Format* pane, keep the *word-breaking* option *off*. Otherwise, United and States will be shown separately.
- Along with Power BI *filters*, we also have an option to *exclude* the values in this visual.
- If you want a coloured cloud, try not to alter *Default color* in *Data colors* section of *Format* pane.





Use *bookmark* on the logo of the report. This helps us to clear all the selections on the slicers.



Understand the data and handle the relationships in the best possible way.





When there is a requirement of tabular visual which is spread in multiple pages, use *Power BI paginated report builder*.



Create deployment pipeline in Power BI with separate development, testing and production workspaces.



Do a good research before using custom visuals. Avoid using custom visuals with less support and those which are not executable on Power BI service.

3. Interview questions

Disclaimer: This handbook contains only questions and allows users to find the answers by themselves. The purpose it to foster self-practice to make you interview ready.

- What is the difference between following DAX?
 - ✓ Calculate(Sum(amount), filter(Country=US))
 - ✓ Calculate(Sum(amount), country = US)
- There is a table with single column. How to add alphabets A-Z in 26 rows?
- My financial year ends in June. How will you create a date table?

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Which includes:

- •Important visuals with explanation
- •Best practices to follow in the industry
- •75+ advanced interview questions
- •Common challenges that we face while working with Power BI
- •Tips for technologies to master.

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