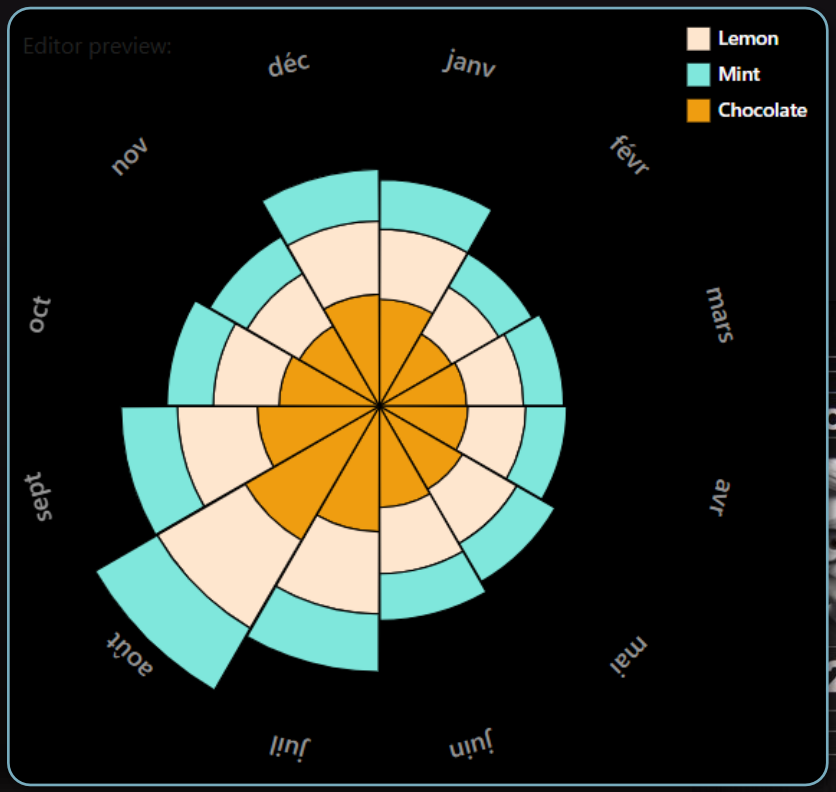
Start with PowerBI

"From Rookie to Rock"

Step by step

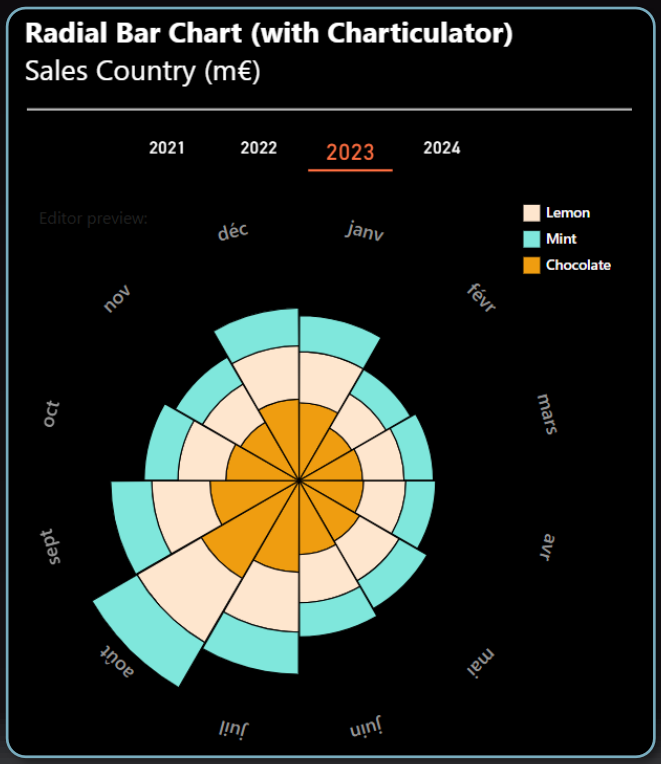
Nightingale Chart (with Charticulator)



Patou Tips #39

About the project…

Charticulator is really a great application and also a great visual application for PowerBI to create fantastic charts like in Statista.



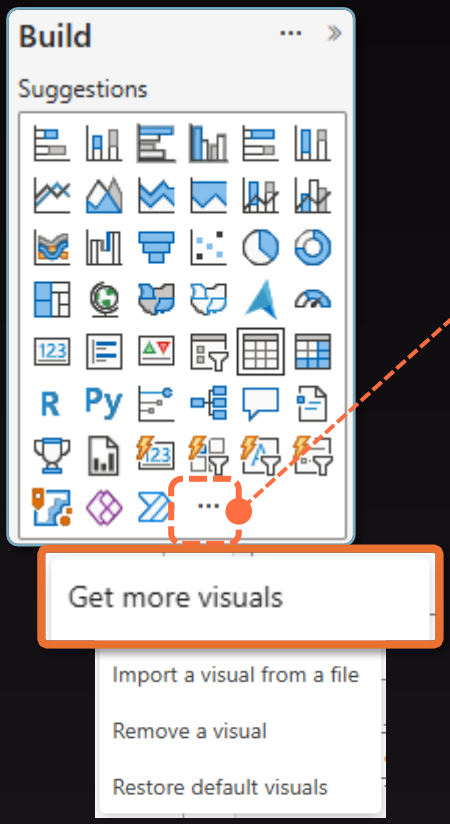
Resources free on GitHub

Start with PowerBI

"From Rookie to Rock"

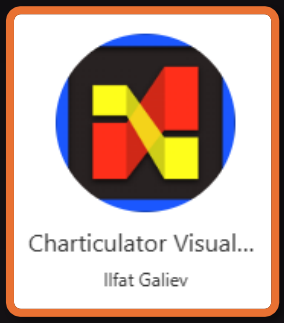
1 Download Charticulator PowerBI Visual App

Download the Charticulatar Visual app for PowerBI



1 Choose "Get more visuals" on the "App source""

2 Download "Charticulator Visual Community (Editor) by Ilfat Galiev



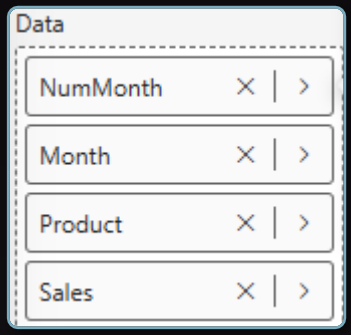
2 Create Nightingale Chart

Start a chart…

1

Choose "Charticulator" on the build pane.

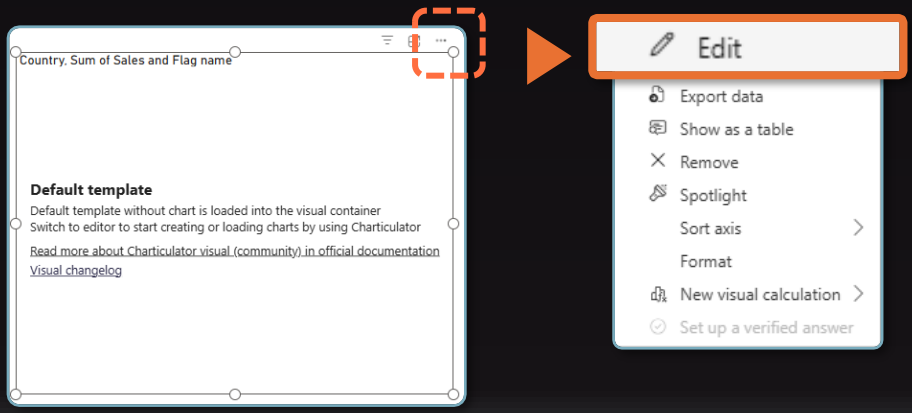
2



Drag and drop the data fields for the chart in the data from the "Build Pane". Note: Don't summarize the field "NumMonth"

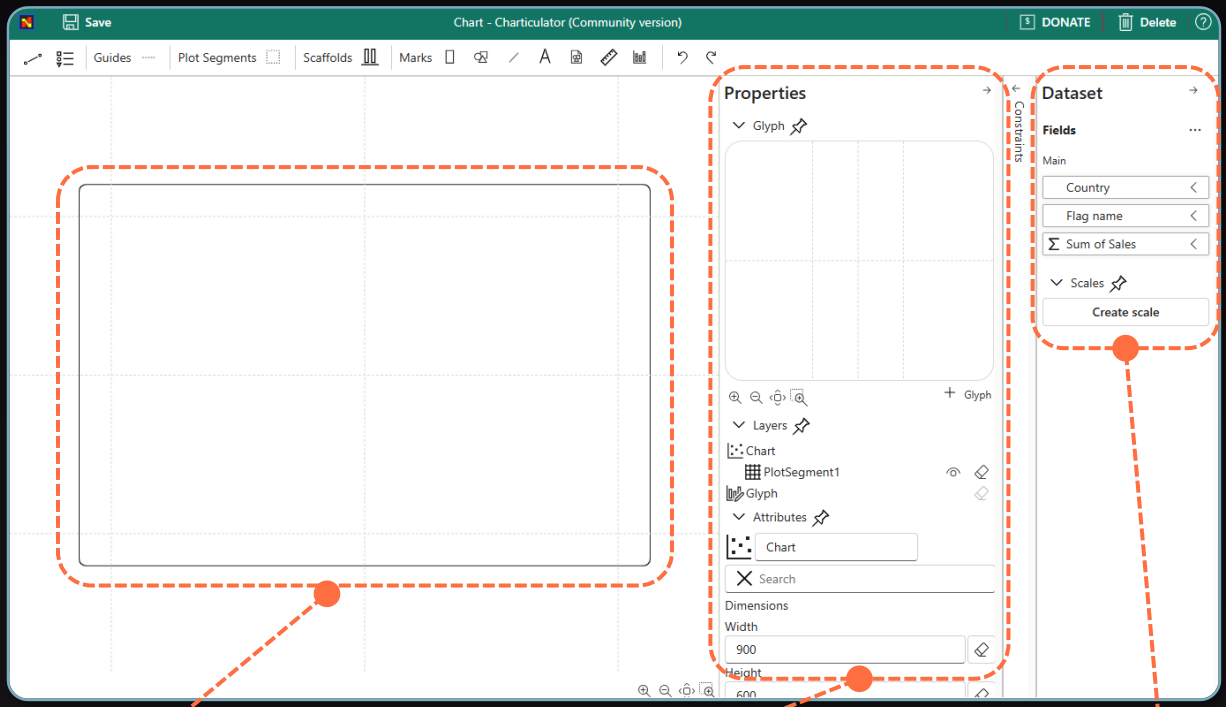
3

A window appear, in the top right corner click on the "…" and choose "Edit" to launch "Charticulator"



2 Create Nightingale Chart
About Charticulator screen

It looks a bit like a PowerBI screen, really pratic!



Result screen, all the transformations appear here

Properties and Glyphs Panel, this is the graphics generator

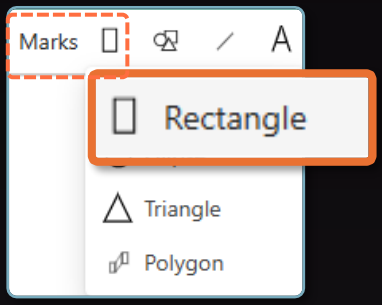
Dataset pane, data selected in PowerBI appear here

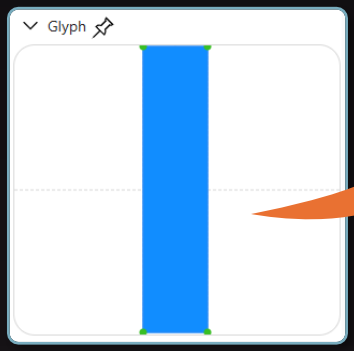
Start with PowerBI

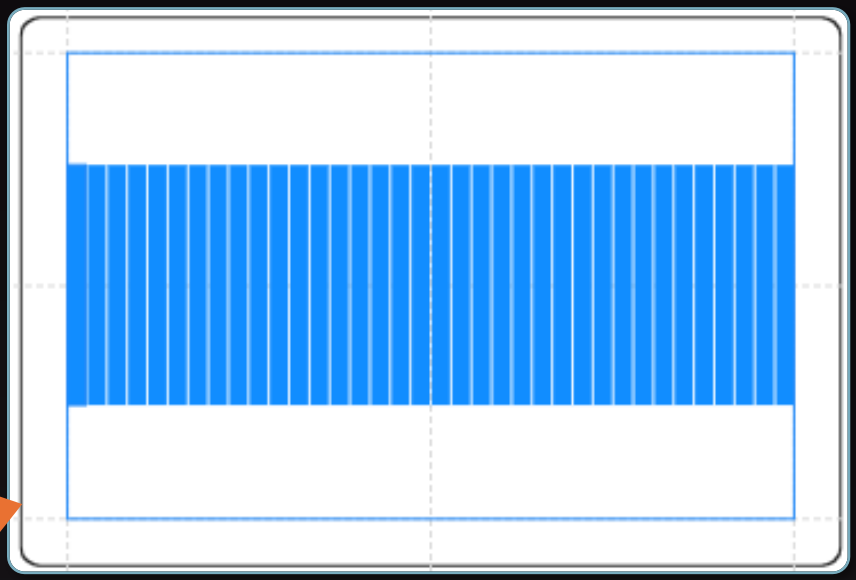
"From Rookie to Rock"

2 Create Nightingale Chart
Main form

Select the "Rectangle" in the marks menu, and draw a shape in the middle of the Glyph window from the Properties pane







Result

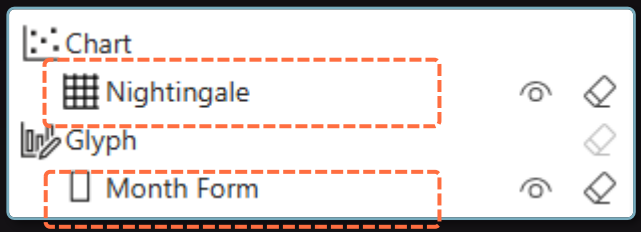
Note: There are 36 rectangles because there are 12 months and 3 products (3x12)

2 Create Nightingale Chart
Rename created objets

Rename the created object, "Graphic" and "Main Form" for clarity in building the project

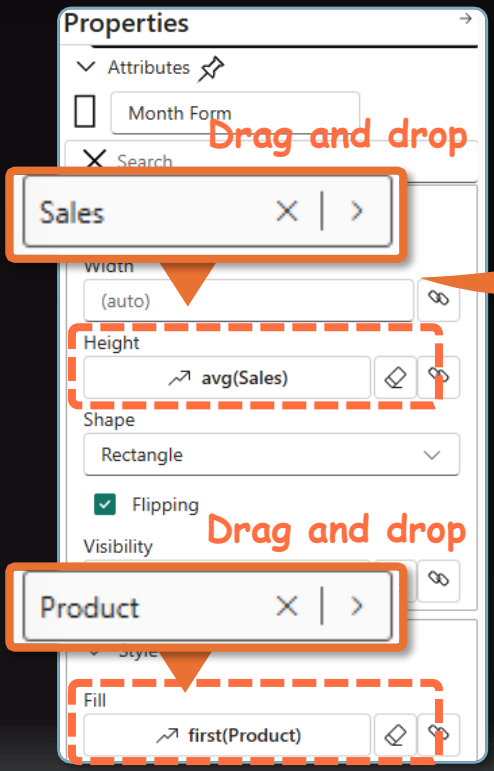
Before

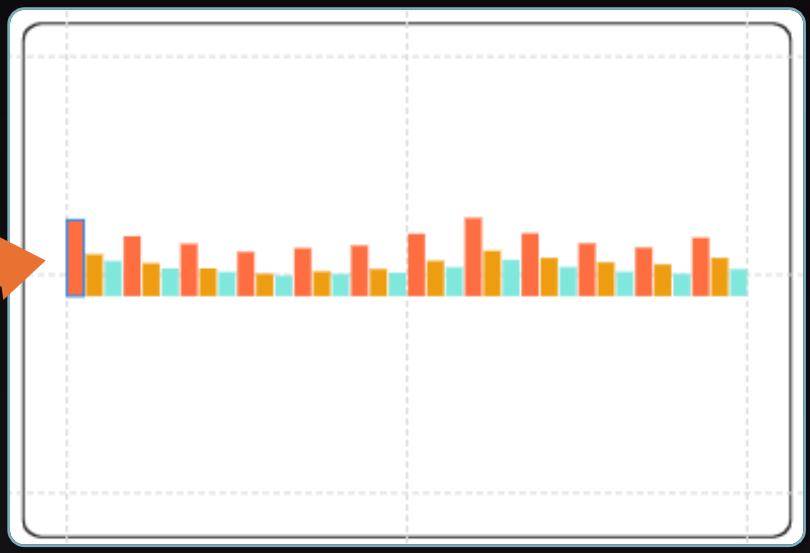
After



2 Create Nightingale Chart
Transformation of the Rectangle

Drag and drop the fields "Sum of Km/day" from the "dataset pane" in the field "Height" in the attributes part of the field "Month Form", and "Month" in "Fill".





Result: "Rectangles" have the proportion of the provided data.

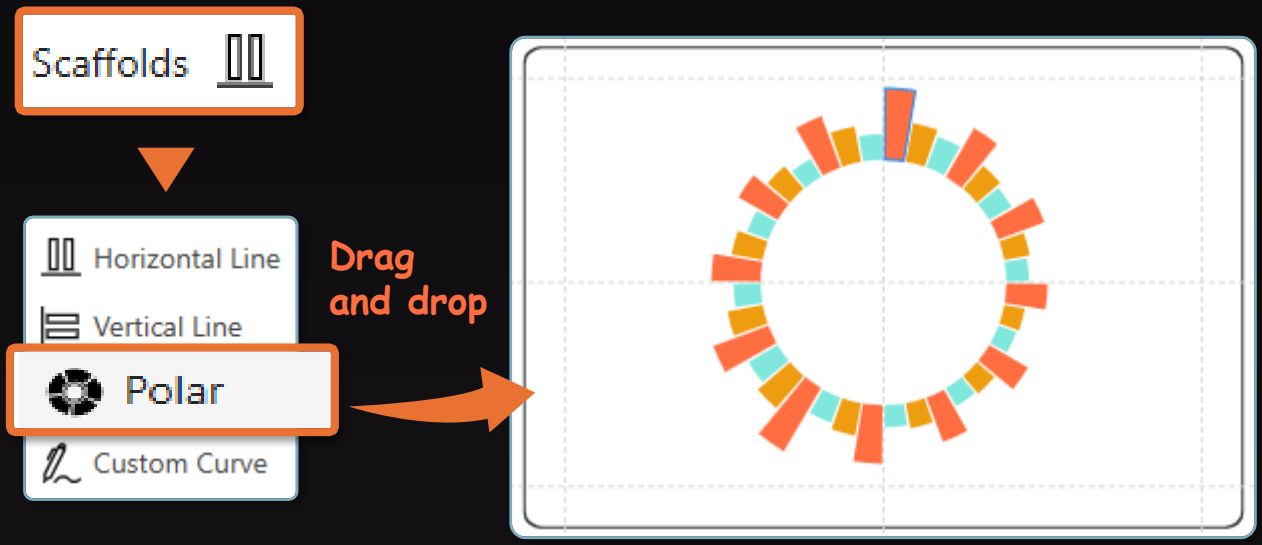
Note for colors: In the practice folder, load the theme json, to get the same color as I created

Start with PowerBI

"From Rookie to Rock"

2 Create Nightingale Chart
Transform Bar Chart into Radial Bar Chart

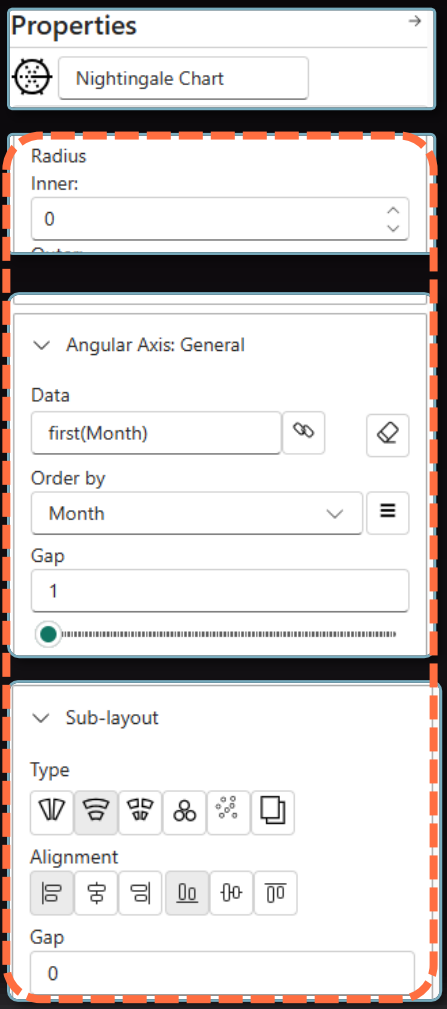
Select the button "Polar" in the menu "Scaffolds" and drag and drod hover the graphic



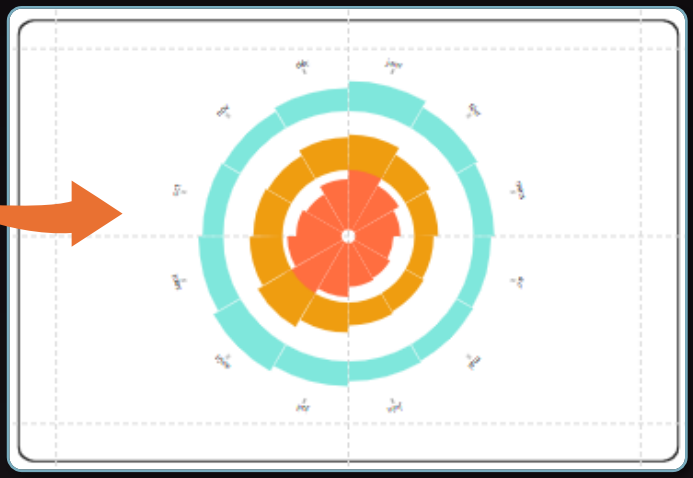
Result:
Bar Chart are transformed into a Radial Bar Chart

2 Create Nightingale Chart

Nightingale Chart settings



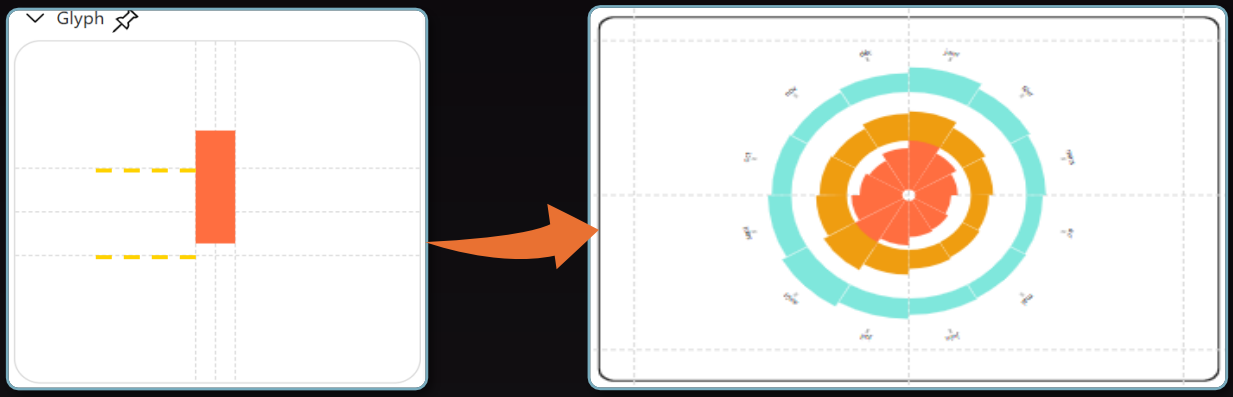
Change the settings in the attributes of the "Radial Bar Chart"...



Result:
Radial Bar Chart become a Nightingale Chart

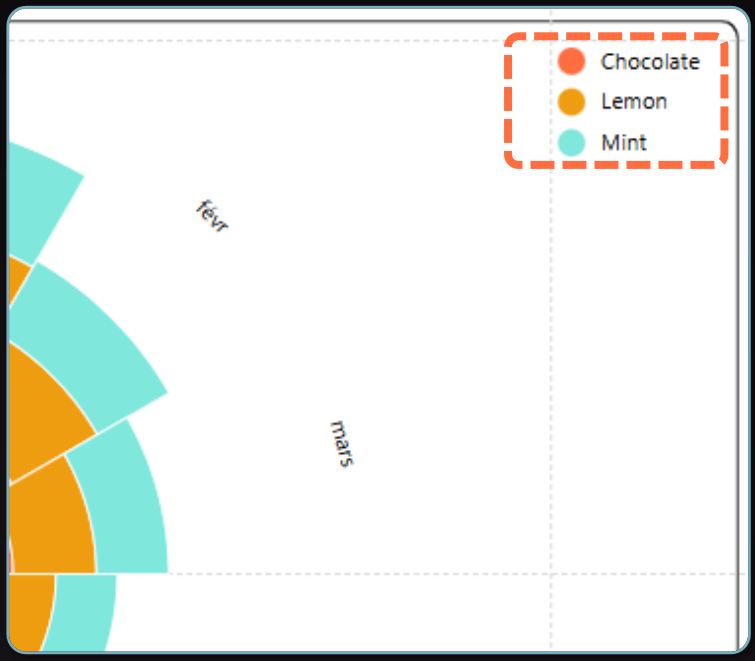
2 Create Nightingale Chart
Resize chart

If necessary, resize the rectangle in the "Glyph View" inside the guides.



2 Create Nightingale Chart
Add "Legend"

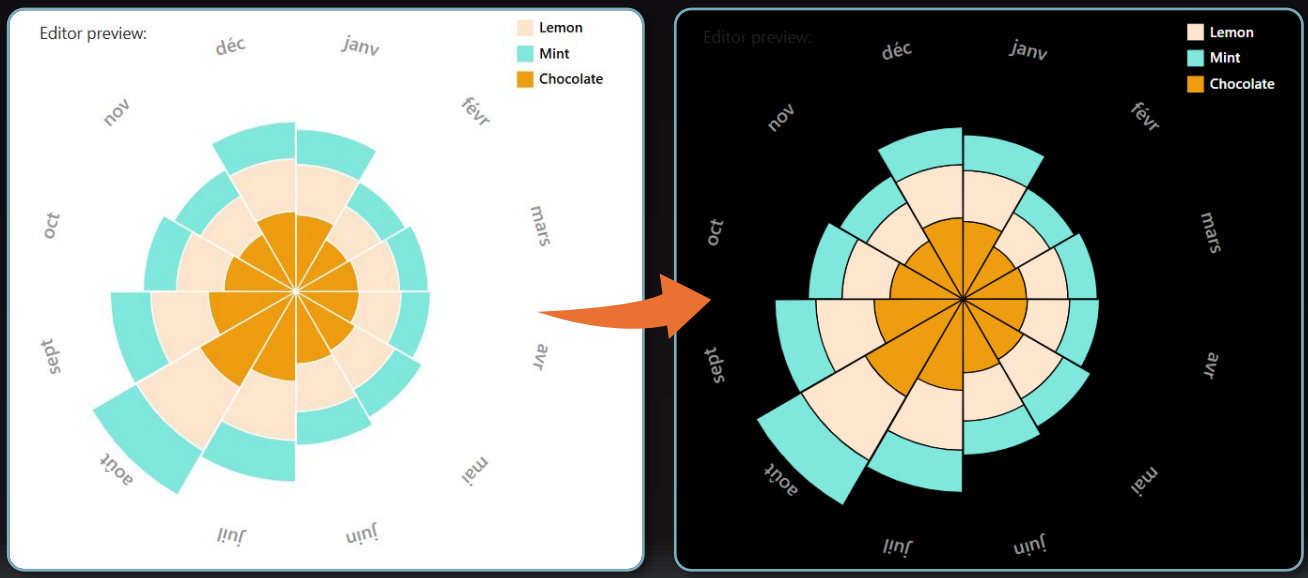
From the "Legend" menu, choose "Product" and place it in the chart.



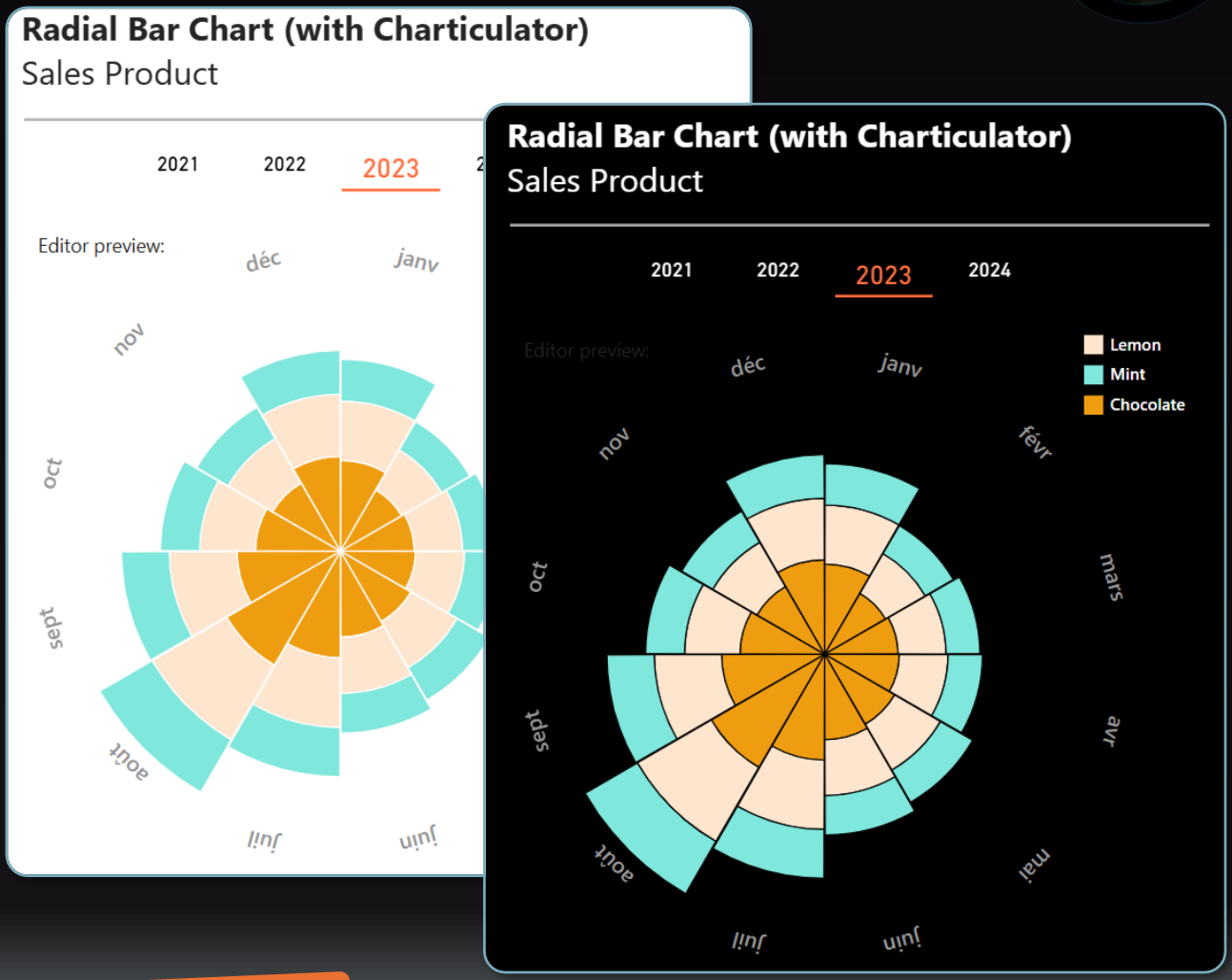
The green dot is very important and is the anchor of your Legend. Place it and adjust settings.

2 Create Nightingale Chart
Background color (variation)

You can change the color background, to have a second Nightingale Chart version.

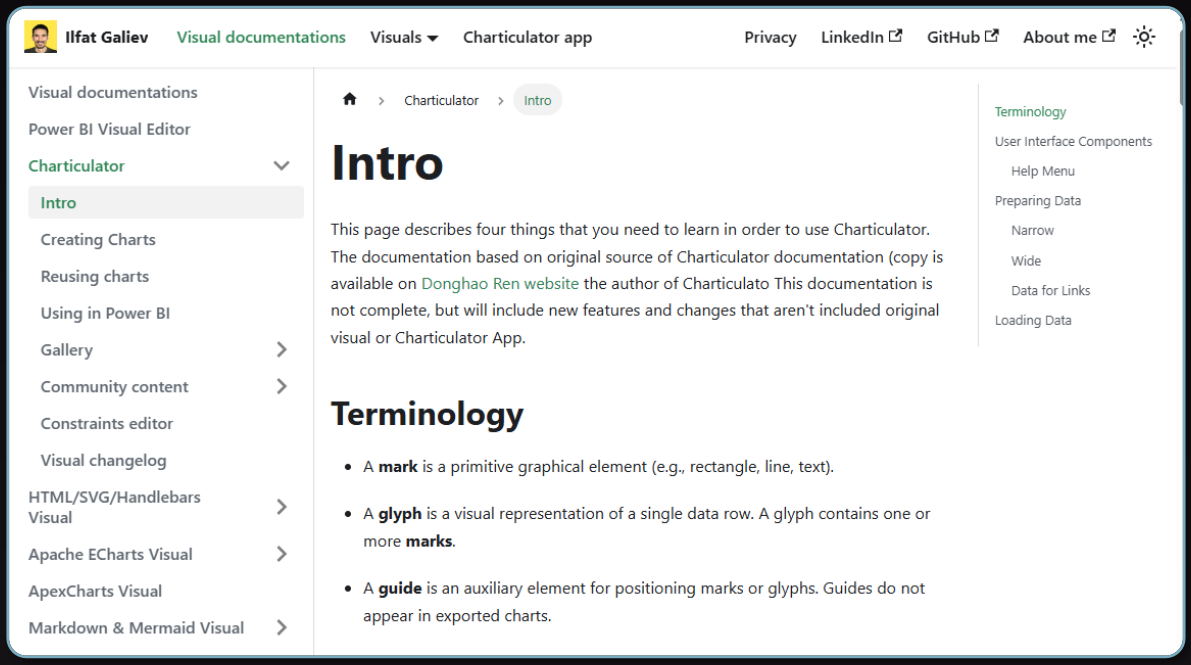


2 Create Nightingale Chart
That's all folks!



3 Charticulator
To go further…

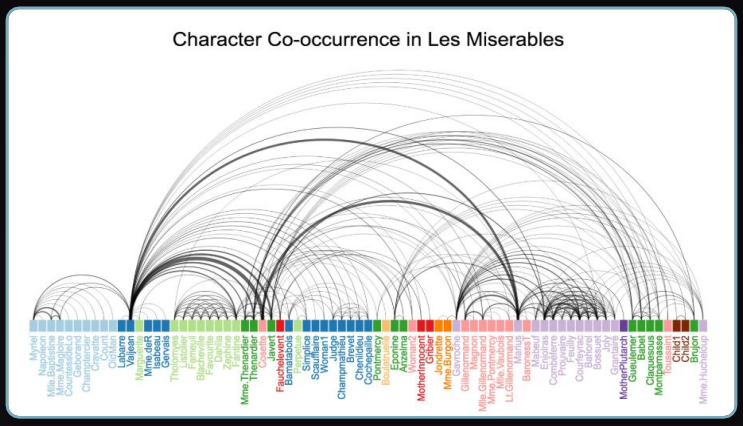
Read more about Charticulator visual (community) in official documentation.

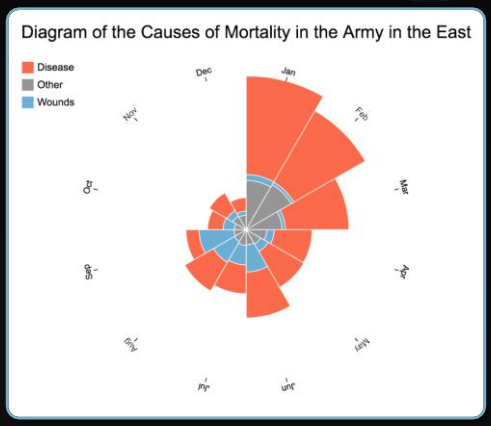


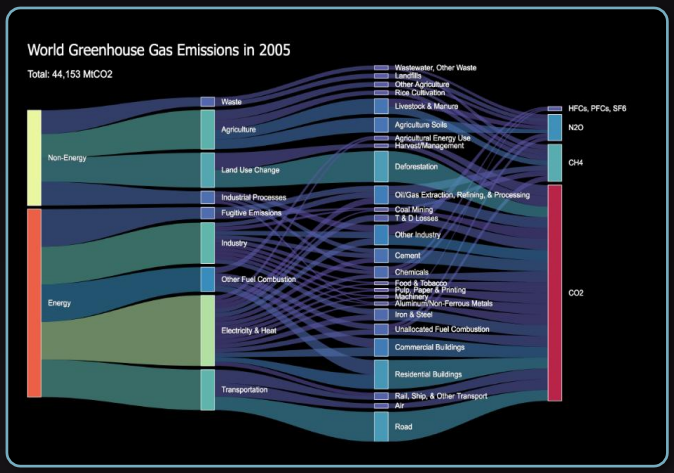
https://ilfat-galiev.im/docs/charticulator/intro/

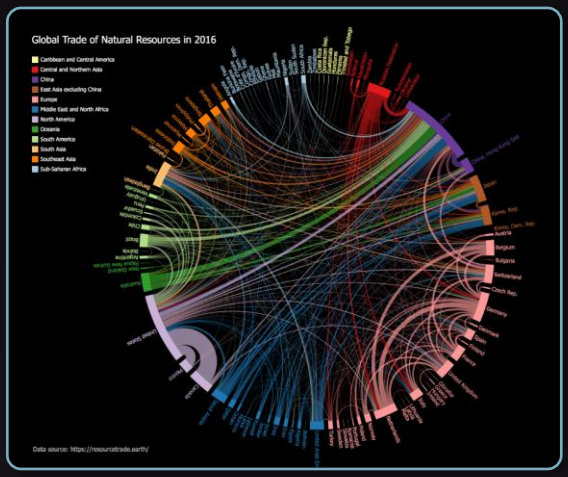
3

Charticulator
To go further…









https://ilfat-galiev.im/docs/charticulator/intro/

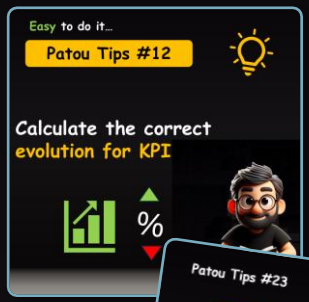
Learn and practice

On the same theme, to go further

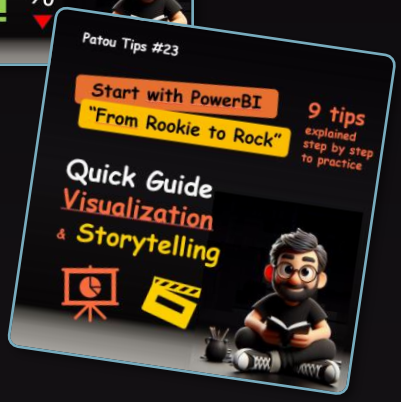
Patou Tips #5
Create a Customized Chart (for income statement)

Patou Tips #6
Create Customized Icon

Patou Tips #7
Create an Age Pyramid Chart (for Human Ressources)



Patou Tips #12
Calculate right evolution for KPI

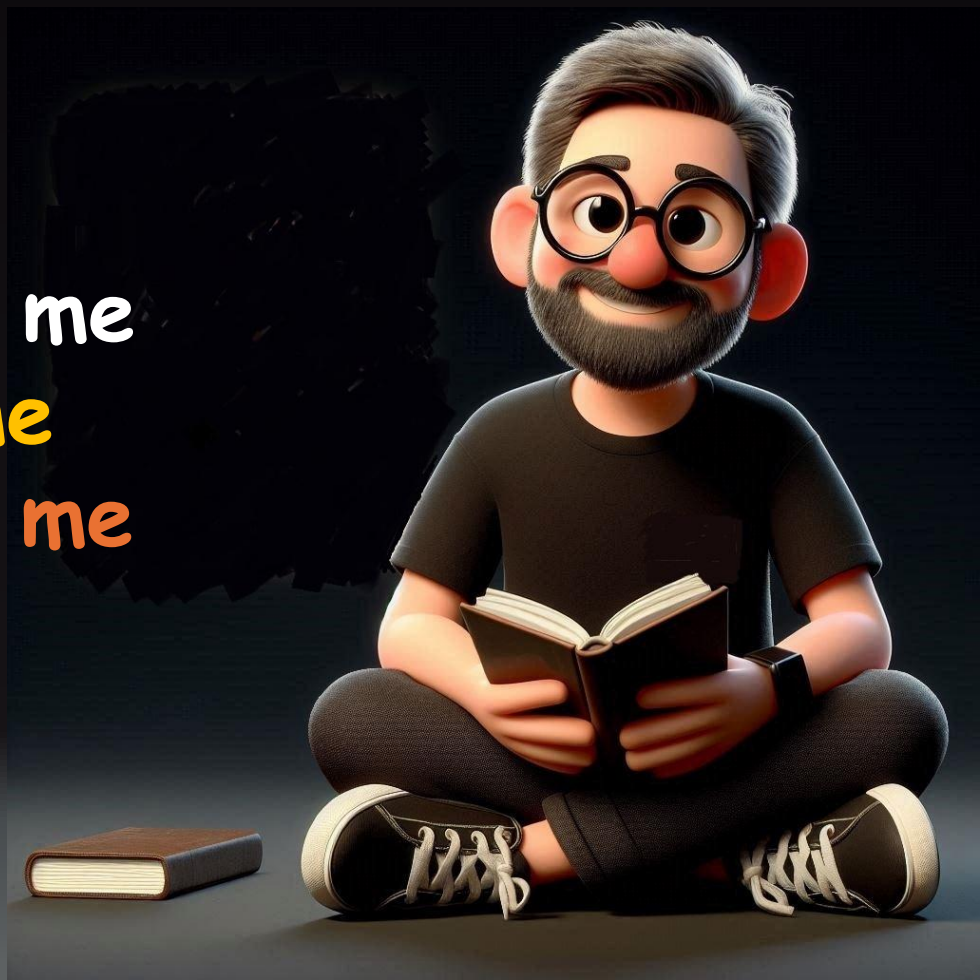


Patou Tips #23
Quick Guide Visualization & Storytelling

Resources on GitHub
https://github.com/PatouTips/Patou-Tips

Don’t forget!
This isn't the truth, it's just my truth!

Patou Tips



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