How to wrap text in plotly.py's sunburst diagram?

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I want to wrap text, as in if it is a long sentence, add line breaks so the font has bigger size, for example, like here
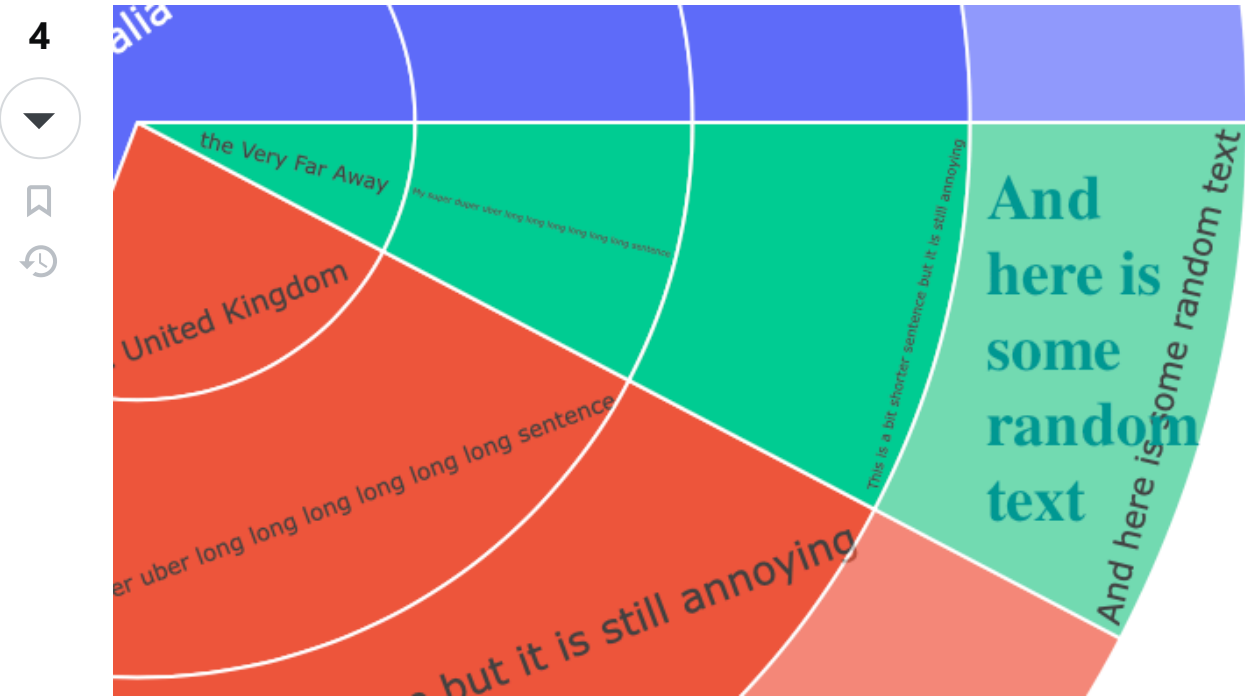
I have the following data that can be downloaded from https://gofile.io/d/8djNCU:

Group1	Group2	Group3	Group4	Values
Australia	My super du	This is a bit s	And here is s	1
Australia	My super du	This is a bit s	And here is s	1
Australia	My super du	This is a bit s	And here is s	1
Australia	My super du	This is a bit s	And here is s	1
Australia	My super du	This is a bit s	And here is s	1
Australia	My super du	This is a bit s	And here is s	1

```
df = pd.DataFrame(
```

```
        dict(group1=g1, group2=g2, group3=g3, group4=g4, my_values=my_values)
)

fig = px.sunburst(df, path=['group1', 'group2', 'group3', 'group4'],
values='my_values')

fig.show()
```

The current sunburst diagram looks like this:

to be as big as possible and split by
ation.

06   asked Jun 2, 2020 at 12:04

Curious
825   2   9   21

What do you mean by wrap the text? Do you mind to clarify? – rpanai Jun 2, 2020 at 21:25

Please check the update. – Curious Jun 3, 2020 at 9:16

1 Answer

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By adjusting the width in the customwrap function, I was able to make a nice sunburst. The answer was provided by the plotly's GitHub community.

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```python
import plotly.express as px
import pandas as pd
import textwrap

def customwrap(s,width=30):
    return "<br>".join(textwrap.wrap(s,width=width))

df = pd.read_excel("/Users/stuff/Desktop/test.xlsx")

g1 = df.Group1.map(customwrap)
g2 = df.Group2.map(customwrap)
g3 = df.Group3.map(customwrap)
g4 = df.Group4.map(customwrap)
my_values = df.Values

df = pd.DataFrame(
    dict(group1=g1, group2=g2, group3=g3, group4=g4, my_values=my_values)
)
fig = px.sunburst(df, path=['group1', 'group2', 'group3', 'group4'],
values='my_values')

fig.show()
```

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answered Jun 4, 2020 at 11:10

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