

Create a custom theme

REPORT DESIGN IN POWER BI

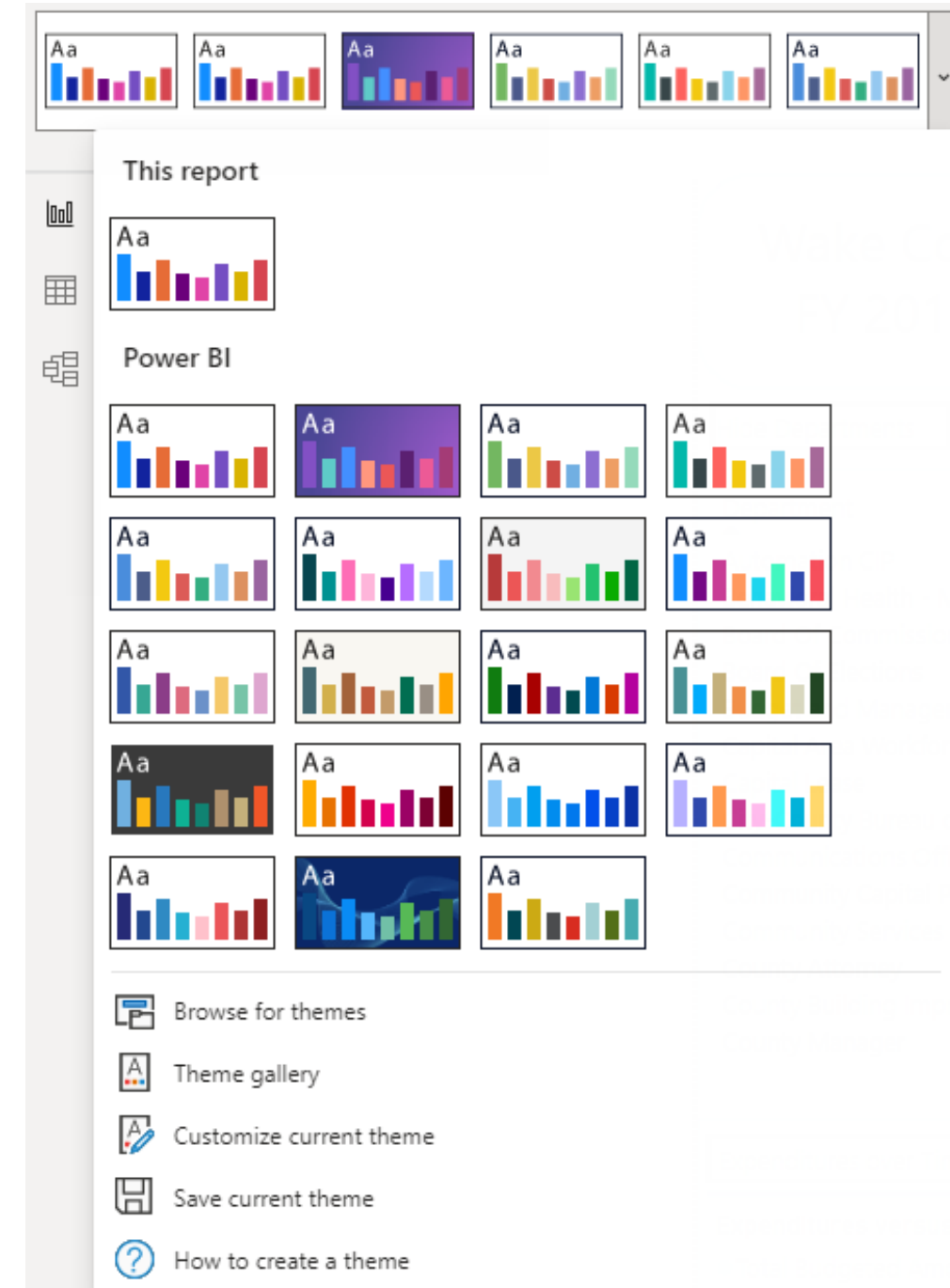


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What are themes?

- Design changes which cover the entire report
- Colors, icon sets, visual formats, fonts, and sizes
- Built-in themes exist or you can create custom themes



Themes are editable

- Theme files are JavaScript Object Notation (JSON)
- Can modify everything or just the elements you desire
- Example: the theme we have used so far:

```
{  
  "name": "Custom",  
  "textClasses": {  
    "label": {"fontSize": 15},  
    "title": {"fontSize": 15},  
    "header": {"fontSize": 15}  
  }  
}
```

Themes Gallery


- Browse existing themes for inspiration
- Download themes and import them into your report

Microsoft Power BI Community > Galleries

Themes Gallery


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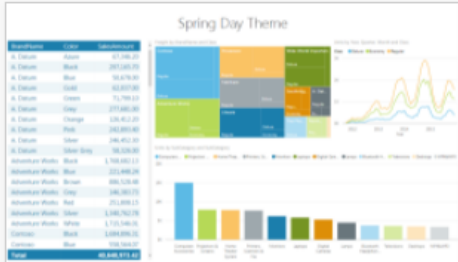
Nowalls Analytics

belisqui 139




University of Melbourne

mike_honey 93




Spring Day (Exposé Data)

aexley 77




Simplifica


jairoaol 67




Tumble Road Multicolor Theme



Planning For:

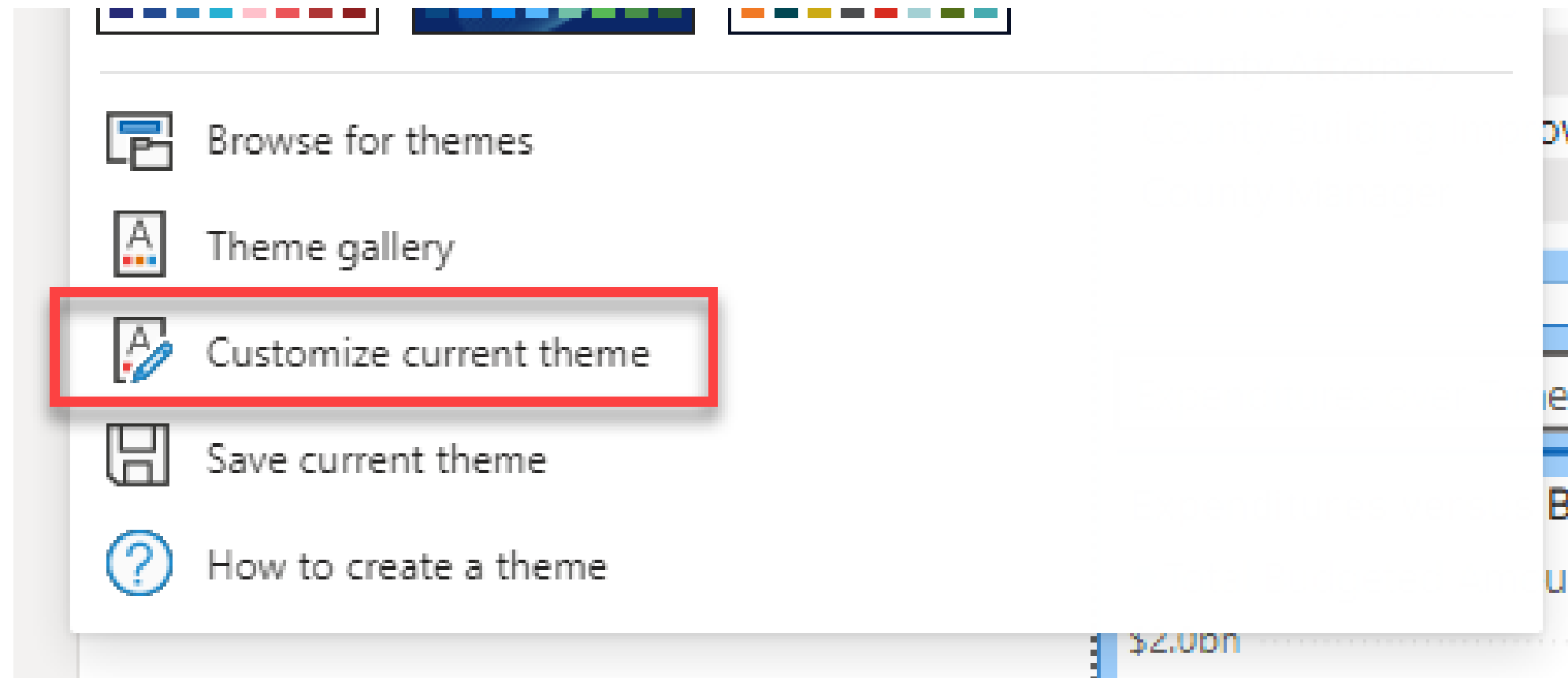


Seppirus Theme



Methods for editing themes

- Edit in Power BI Desktop with "Customize current theme"
- Modify the JSON directly
- Use third-party tooling



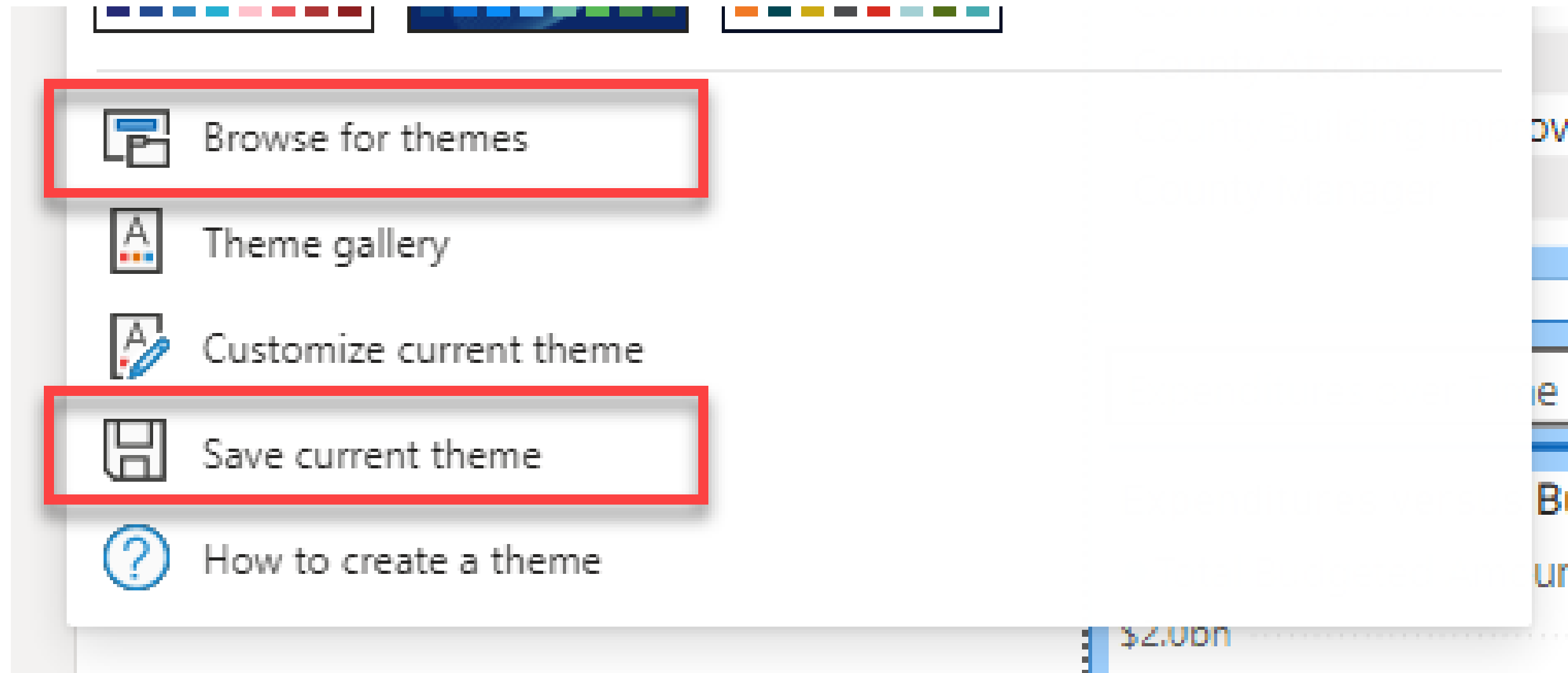
What can we edit?

- Power BI Theme Templates:
<https://github.com/MattRudy/PowerBI-ThemeTemplates>
- A ribbon chart:

```
63 lines (63 sloc) | 1.57 KB
1  {
2      "name": "RibbonTemplate",
3      "visualStyles": {
4          "ribbonChart": {
5              "*": {
6                  "general": [{
7                      "responsive": true,
8                      "keepLayerOrder": true
9                  }],
10             "legend": [{
11                 "show": true,
12                 "position": "Top",
13                 "showTitle": true,
14                 "titleText": "",
15                 "labelColor": { "solid": { "color": "#0188AA"}},
16                 "fontFamily": "Courier New",
17                 "fontSize": 10
18             }],
19             "categoryAxis": [{
20                 "show": true,
21                 "labelColor": { "solid": { "color": "#0188AA"}},
22                 "fontSize": 14,
23                 "fontFamily": "Segoe UI",
24                 "preferredCategoryWidth": 30,
25                 "maxMarginFactor": 28,
26                 "innerPadding": 22,
27                 "concatenateLabels": true,
28                 "showAxisTitle": true,
29                 "axisStyle": "showTitleOnly",
30                 "titleColor": { "solid": { "color": "#0188AA"}},
31                 "titleText": "asdf",
32                 "titleFontSize": 12,
33                 "titleFontFamily": "Segoe UI"
34             }],
35             "dataPoint": [{
36                 "defaultColor": { "solid": { "color": "#448822"} }
37             }],
```

Import and export

- Import using the "Browse for themes" option.
- Export using the "Save current theme" option.



Theme guidance

- Ensure that font sizes are large enough
- Pick easily distinguishable colors - be sure to check for CVD-friendly color combinations
- Don't use too many colors - Power BI needs no more than 8
- Theme color 1 is your primary color
- For light themes, use saturated colors
- For dark themes, use lighter tones
- The filter pane should be a little different from your background

Let's practice!

REPORT DESIGN IN POWER BI

Modifying a theme

REPORT DESIGN IN POWER BI



Full Name
Instructor

Let's practice!

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