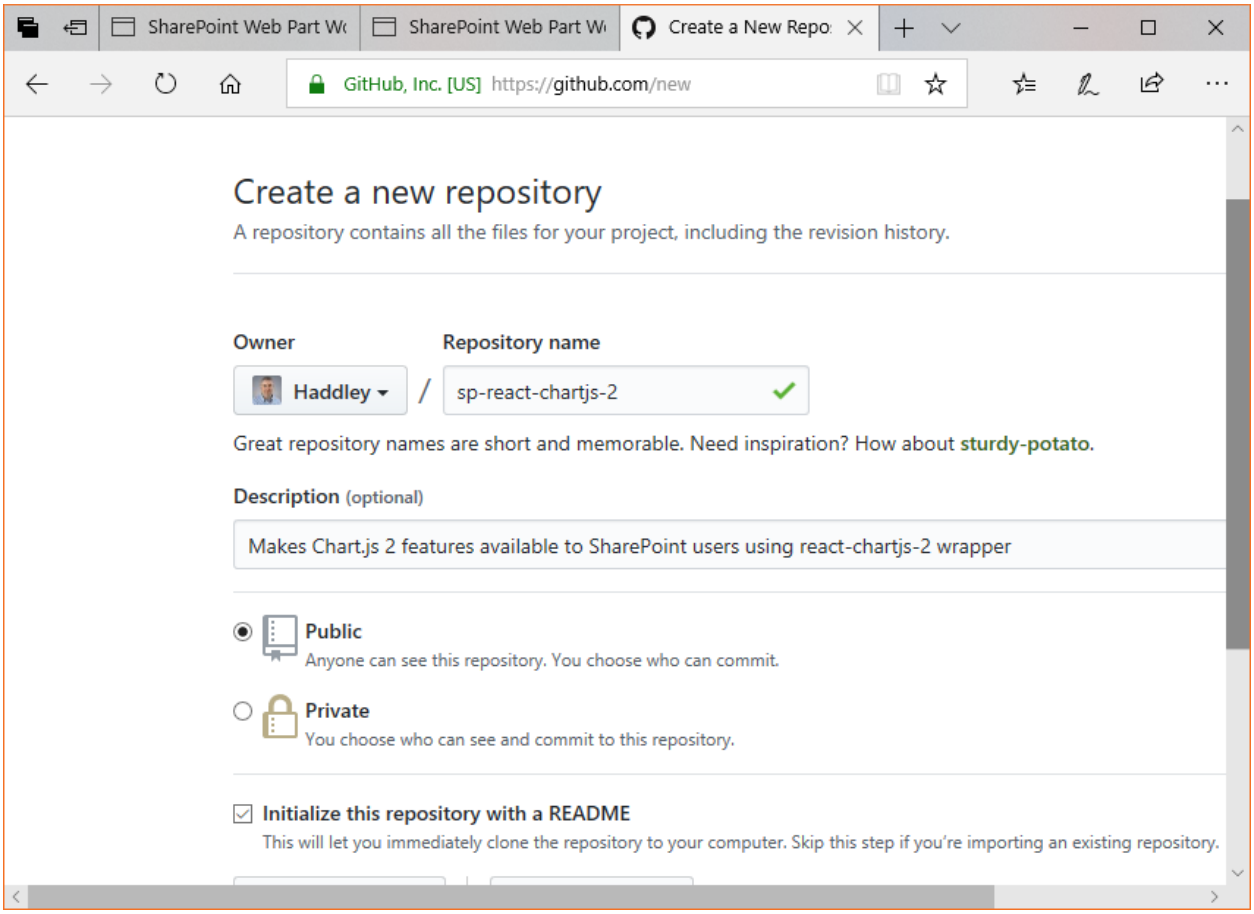
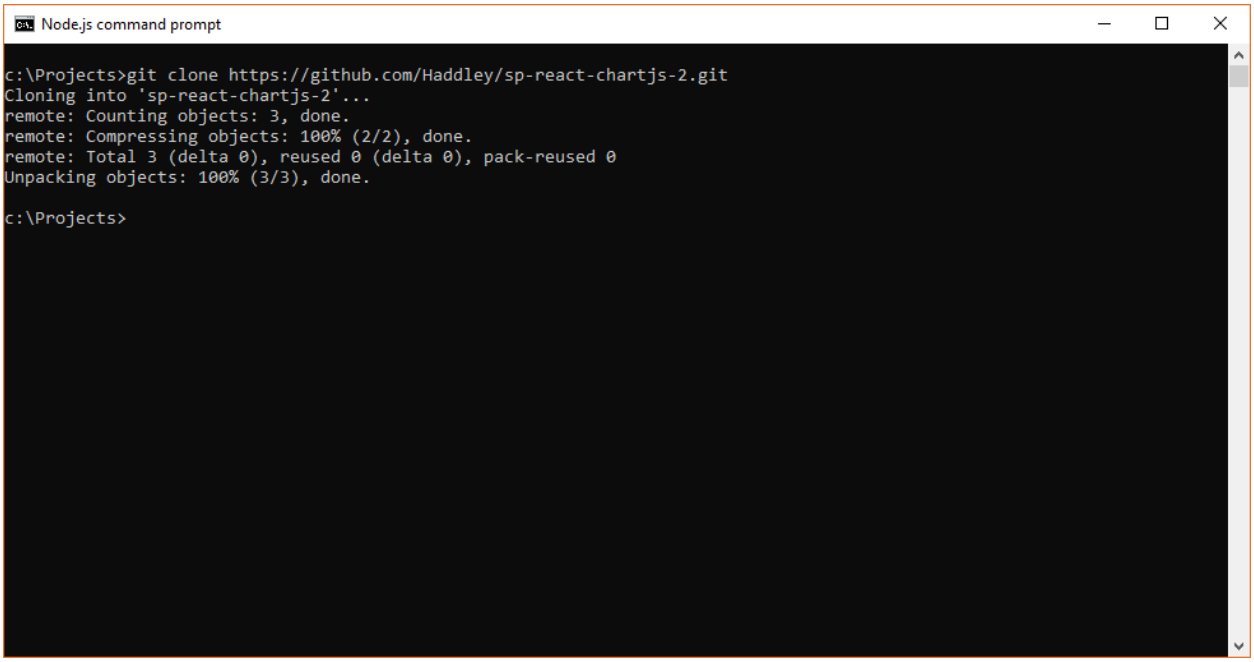
sp-react-chartjs-2

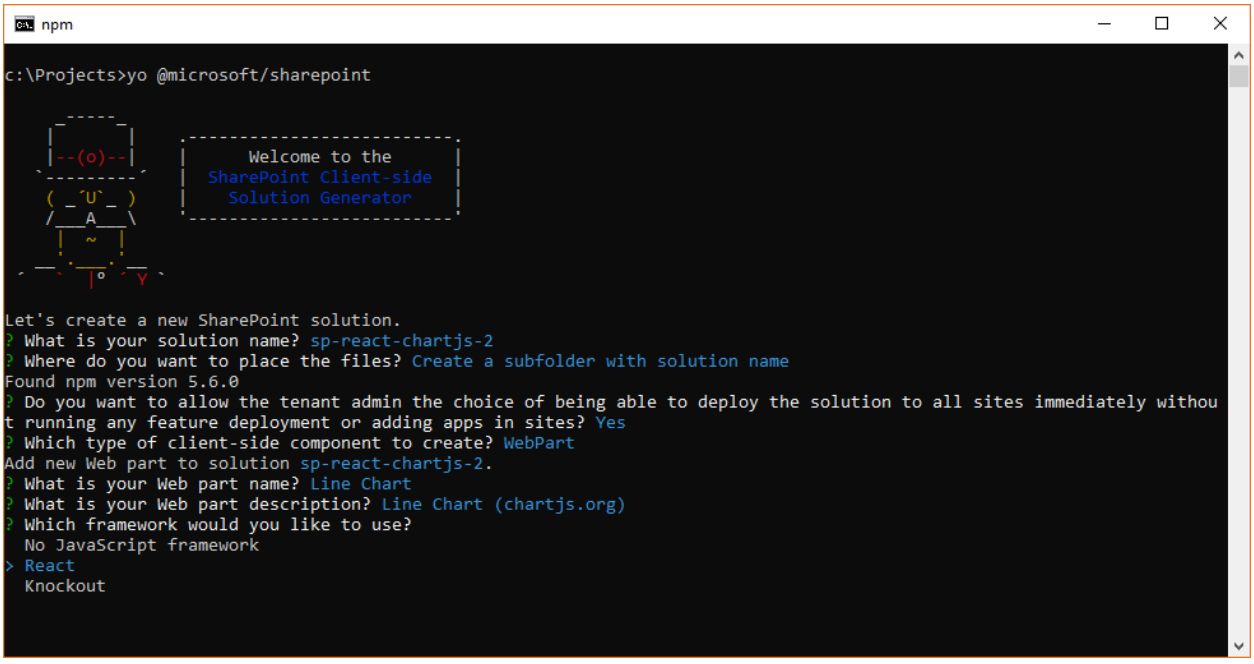
Create a new repository

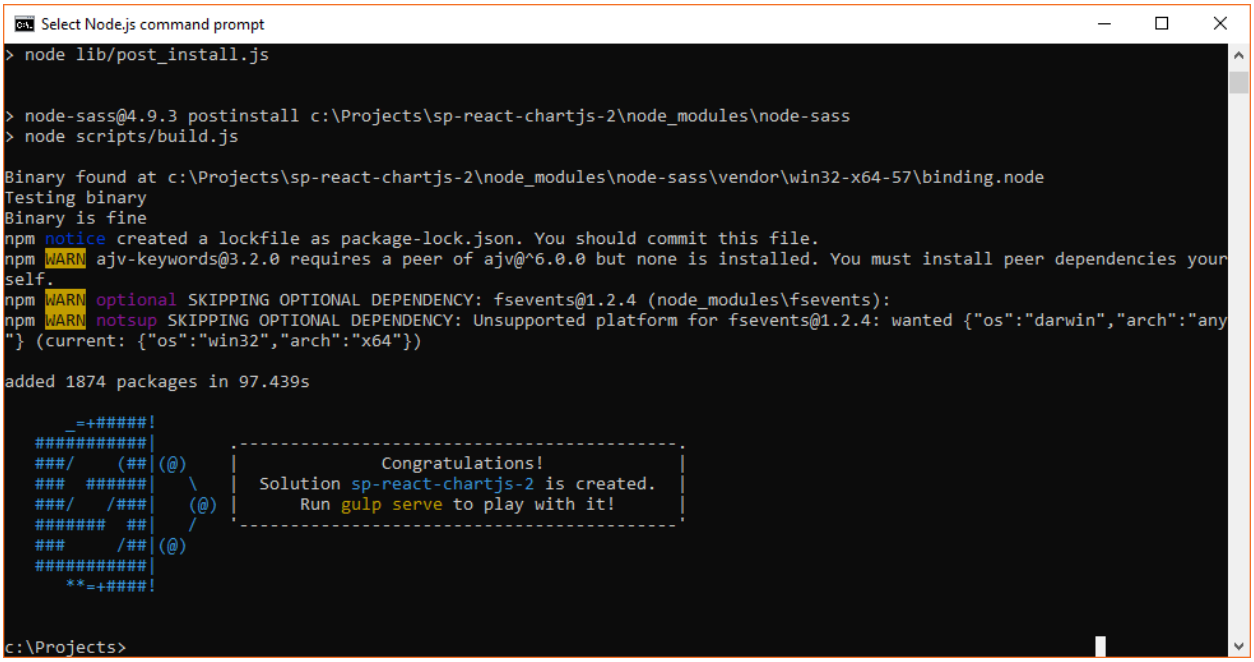


>git clone https://github.com/Haddley/sp-react-chartjs-2.git

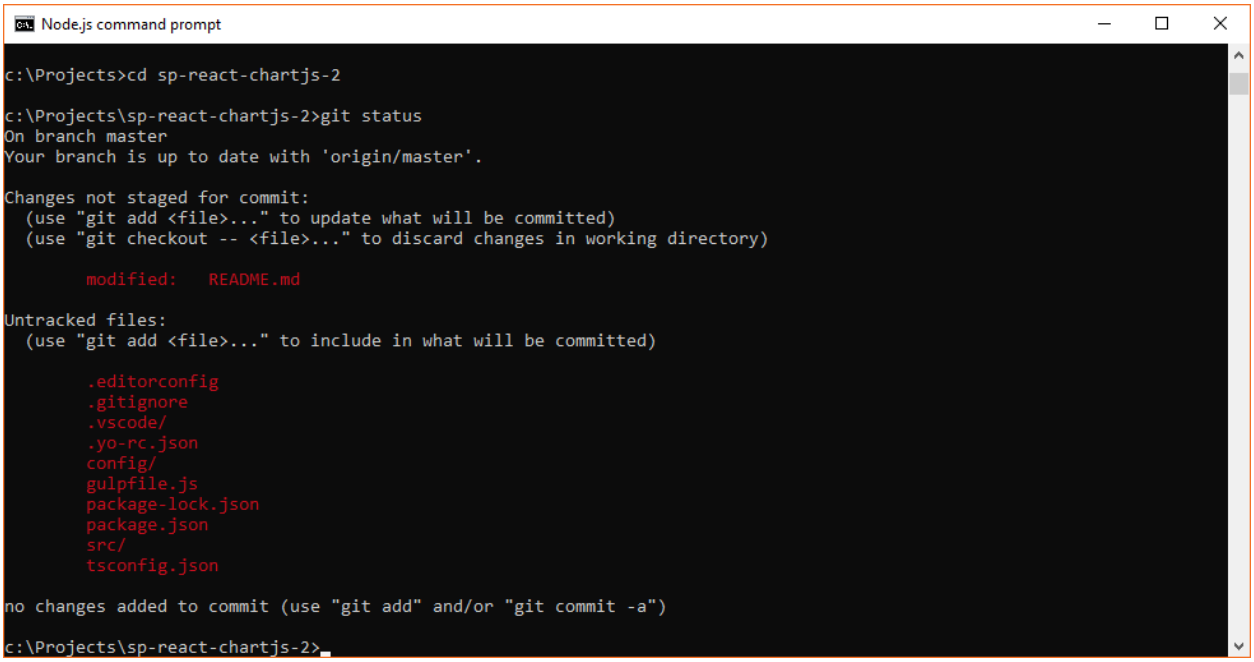


>yo @microsoft/sharepoint

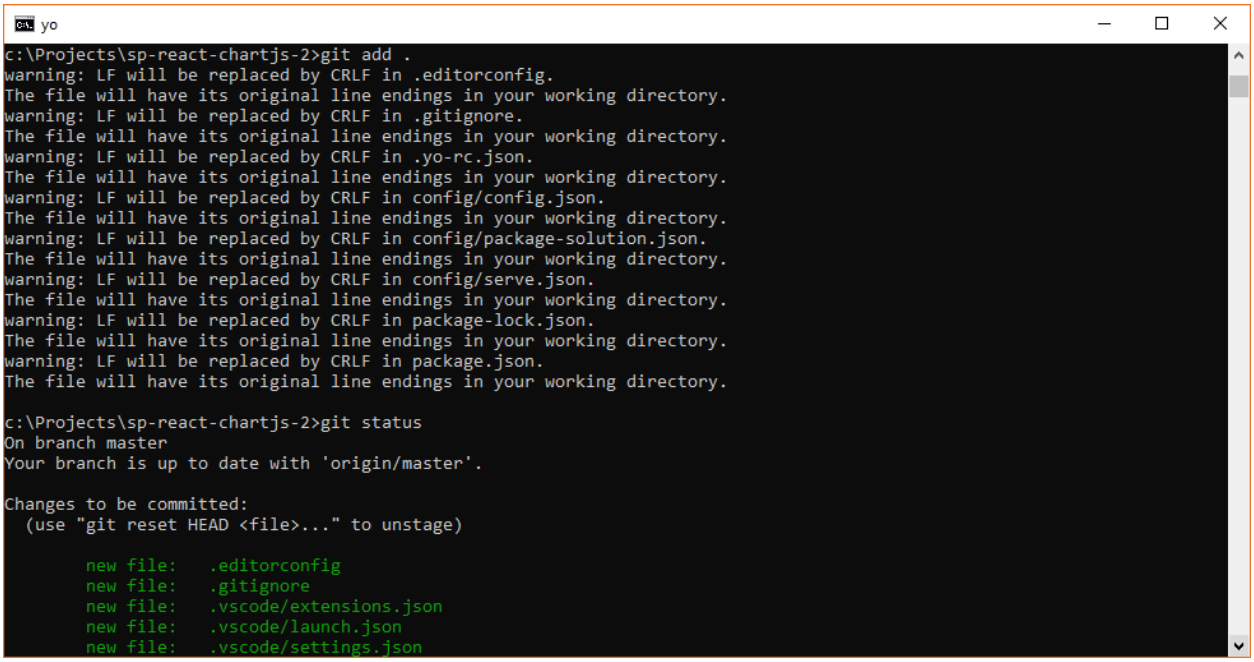




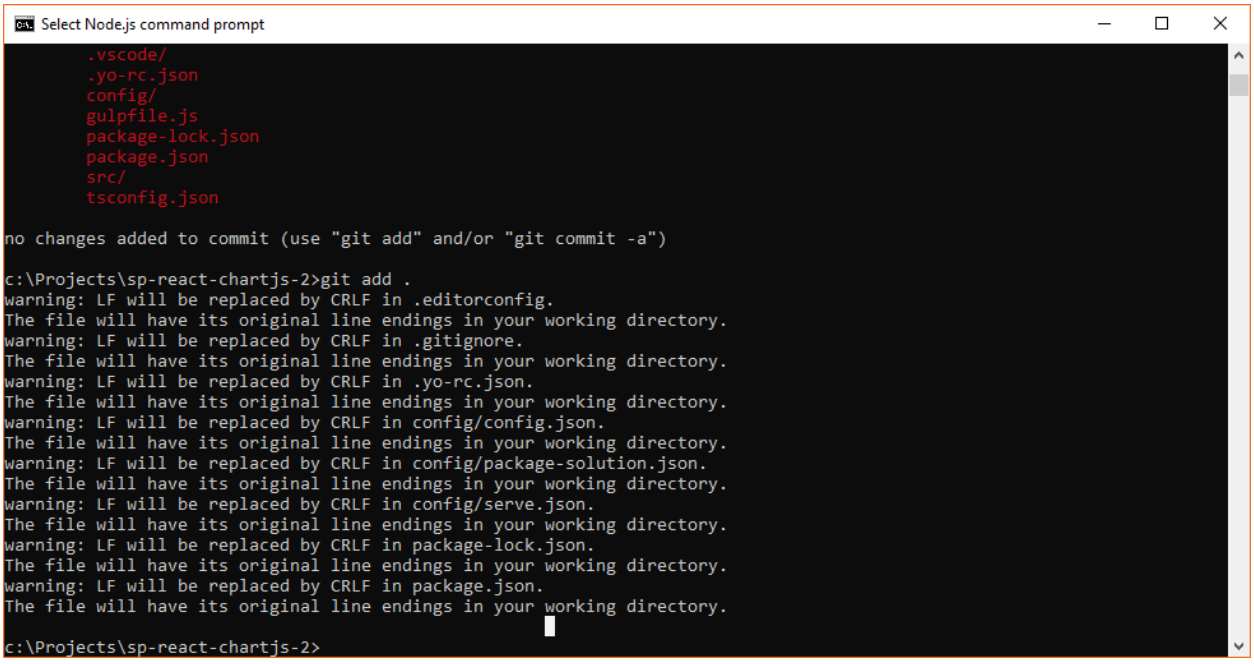
>git status

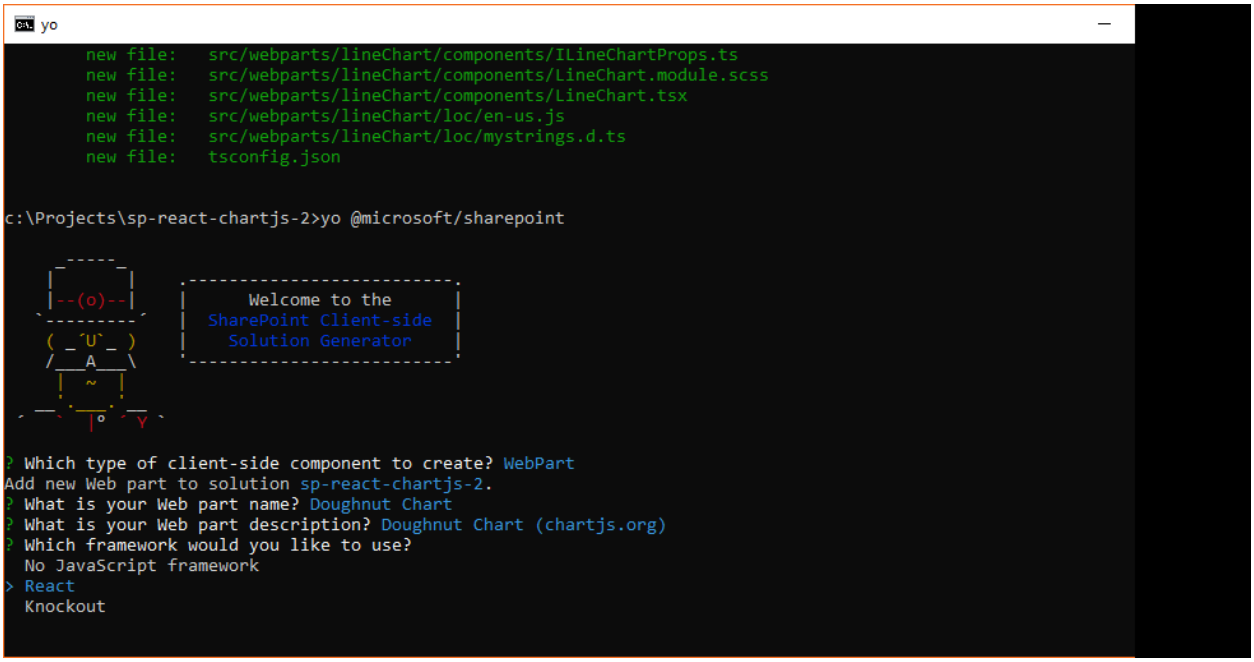


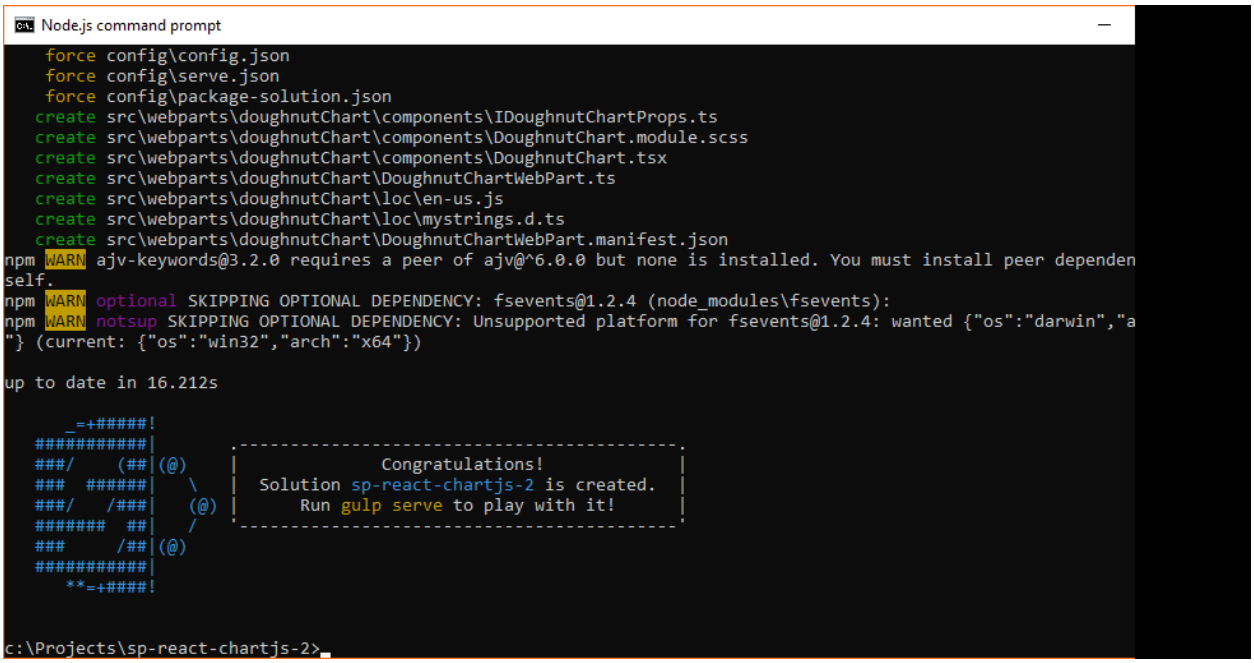
>git add .



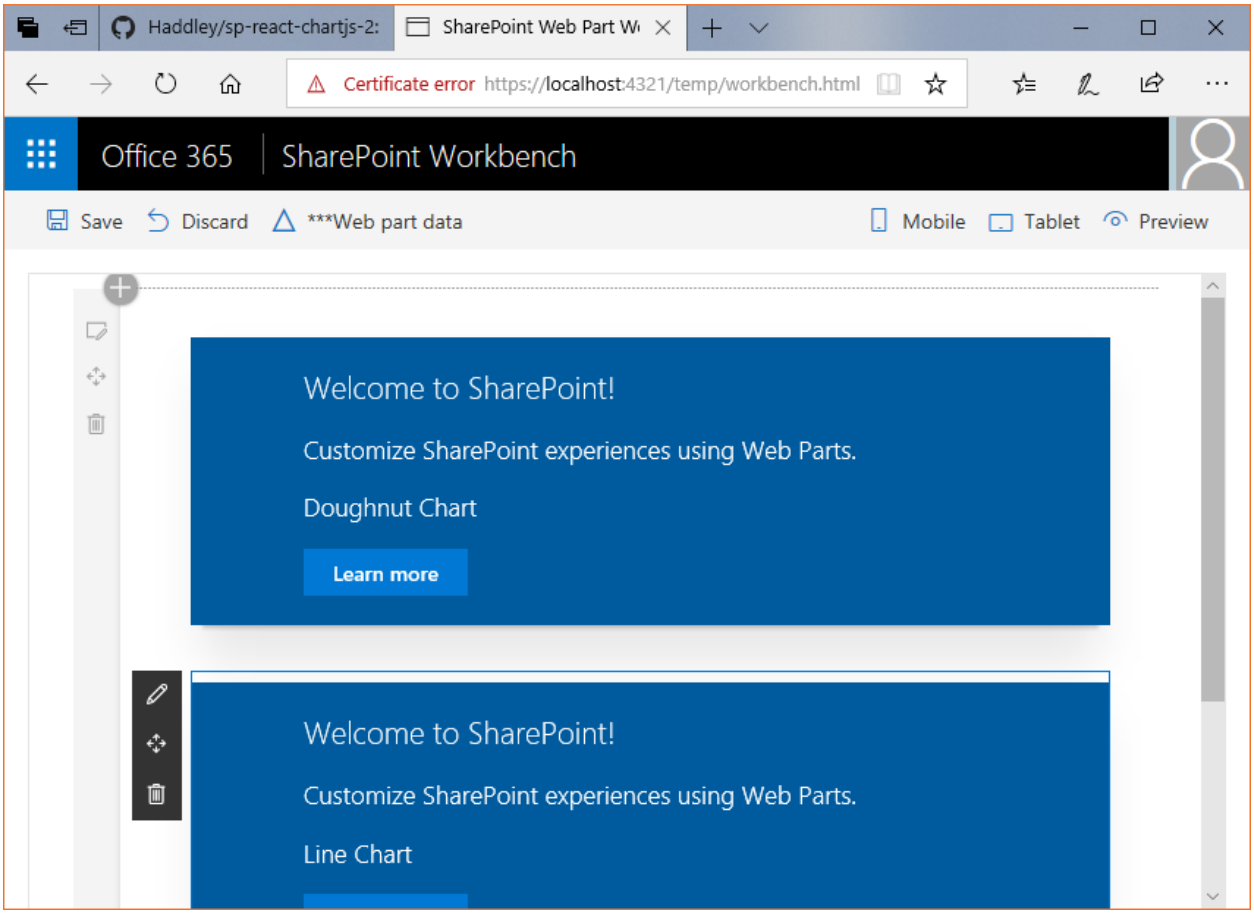
>yo @microsoft/sharepoint



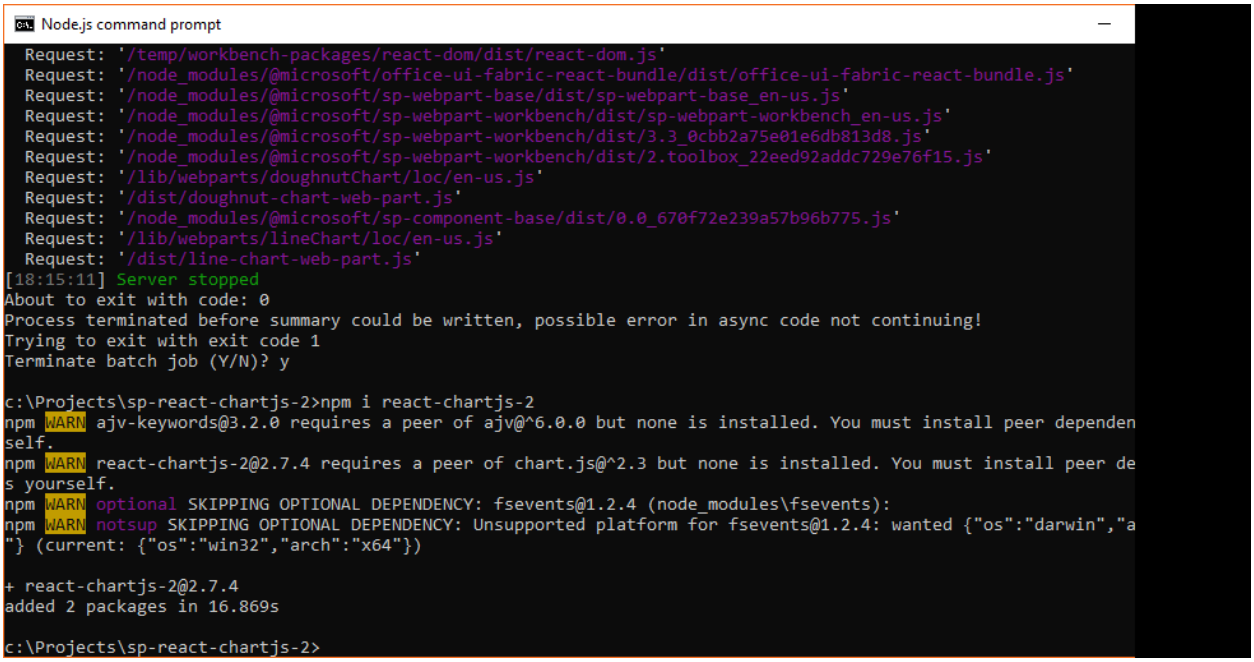

yo
new file: src/webparts/lineChart/components/ILineChartProps.ts
new file: src/webparts/lineChart/components/LineChart.module.scss
new file: src/webparts/lineChart/components/LineChart.tsx
new file: src/webparts/lineChart/loc/en-us.js
new file: src/webparts/lineChart/loc/mystrings.d.ts
new file: tsconfig.json
c:\Projects\sp-react-chartjs-2>yo @microsoft/sharepoint
Welcome to the
SharePoint Client-side
Solution Generator
? Which type of client-side component to create? WebPart
Add new Web part to solution sp-react-chartjs-2.
? What is your Web part name? Doughnut Chart
? What is your Web part description? Doughnut Chart (chartjs.org)
? Which framework would you like to use?
No JavaScript framework
> React
Knockout


Node.js command prompt
force config\config.json
force config\serve.json
force config\package-solution.json
create src\webparts\doughnutChart\components\IDoughnutChartProps.ts
create src\webparts\doughnutChart\components\DoughnutChart.module.scss
create src\webparts\doughnutChart\components\DoughnutChart.tsx
create src\webparts\doughnutChart\DoughnutChartWebPart.ts
create src\webparts\doughnutChart\loc\en-us.js
create src\webparts\doughnutChart\loc\mystrings.d.ts
create src\webparts\doughnutChart\DoughnutChartWebPart.manifest.json
npm WARN ajv-keywords@3.2.0 requires a peer of ajv@^6.0.0 but none is installed. You must install peer dependen
self.
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.4 (node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.4: wanted {"os":"darwin","a
"} (current: {"os":"win32","arch":"x64"})
up to date in 16.212s
Congratulations!
Solution sp-react-chartjs-2 is created.
Run gulp serve to play with it!
c:\Projects\sp-react-chartjs-2>

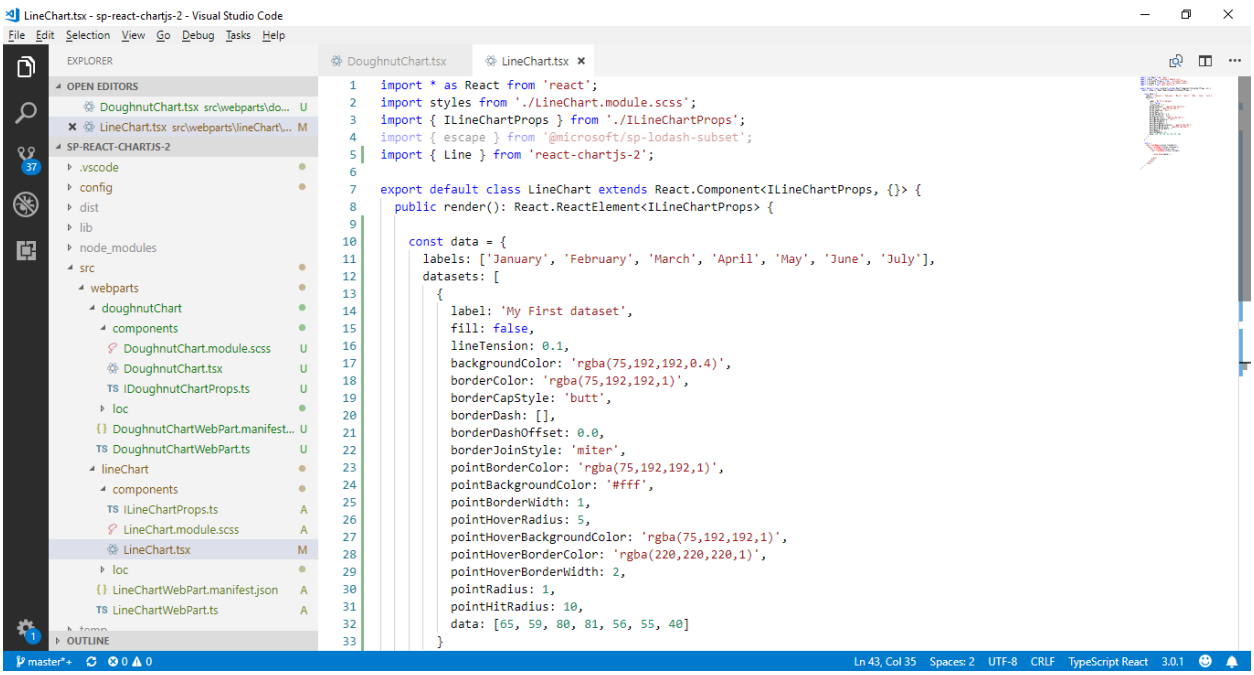
>gulp serve



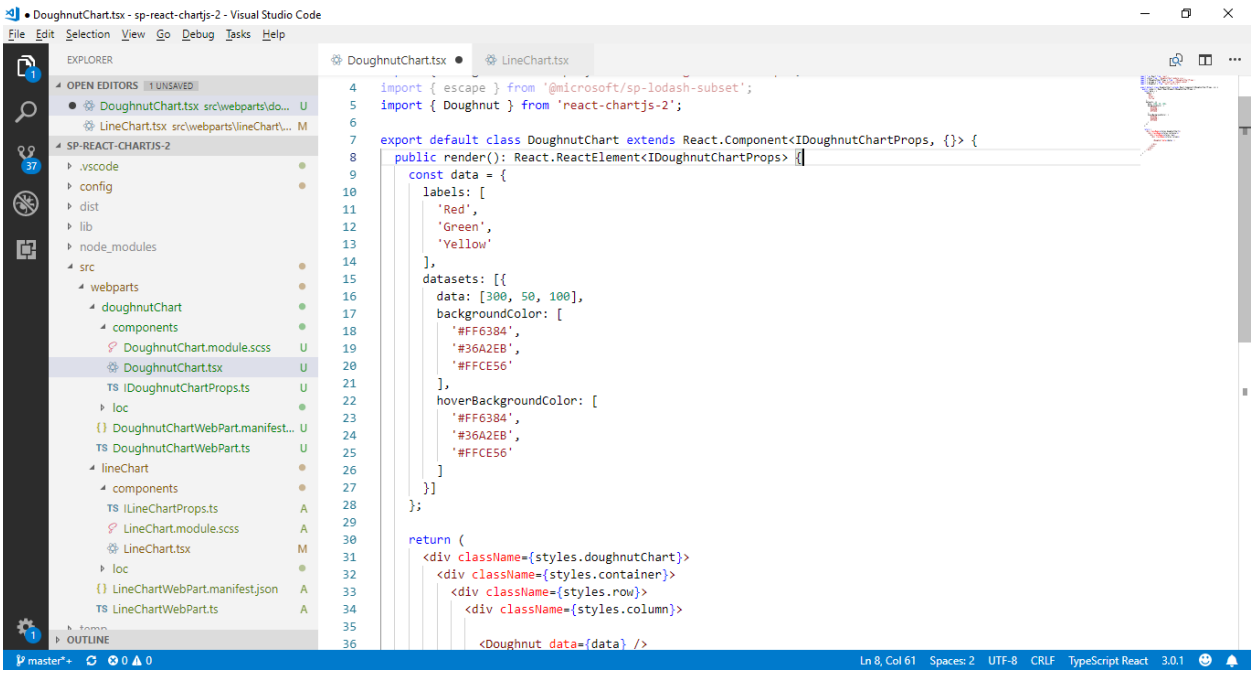
>npm i react-chartjs-2



https://github.com/jerairrest/react-chartjs-2/blob/master/example/src/components/line.js

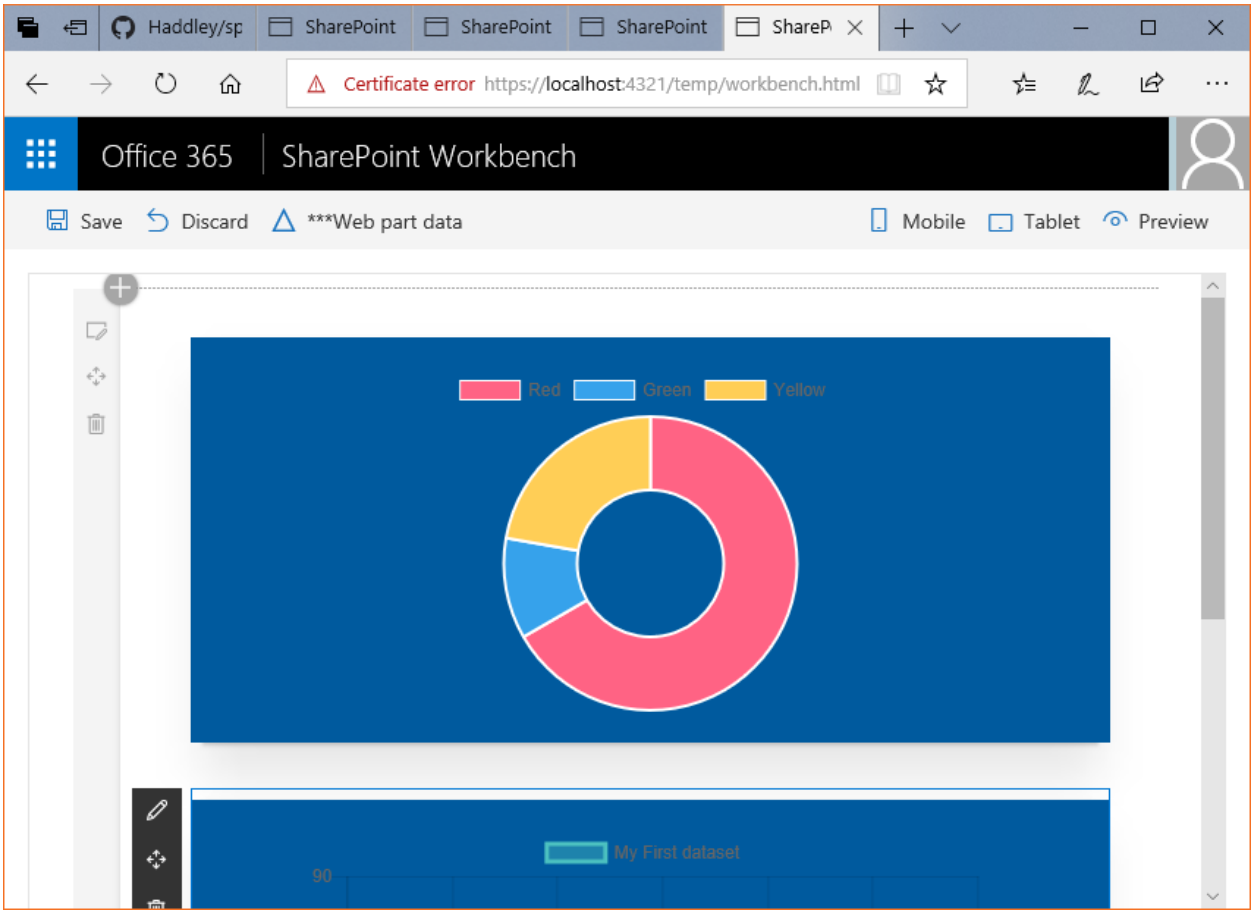


https://github.com/jerairrest/react-chartjs-2/blob/master/example/src/components/doughnut.js



>npm install react-chartjs-2 chart.js --save

>gulp serve


Haddley/sp
SharePoint
SharePoint
SharePoint
ShareP
Certificate error https://localhost:4321/temp/workbench.html
Office 365
SharePoint Workbench
Save
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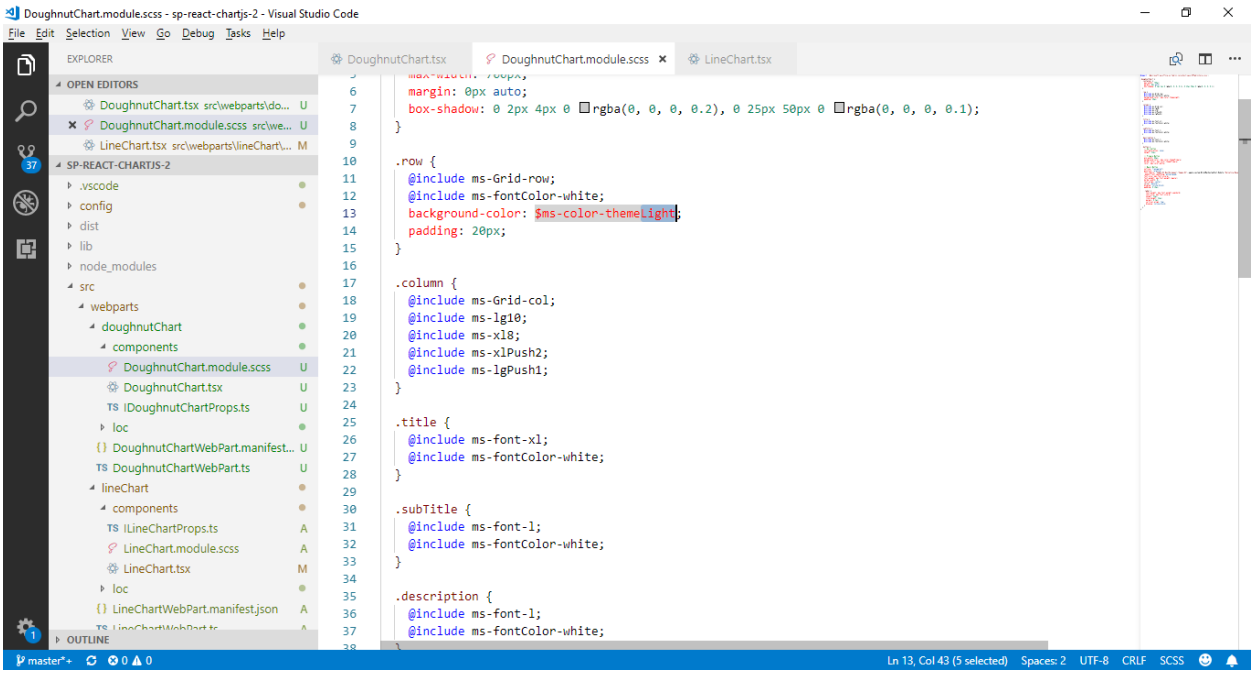
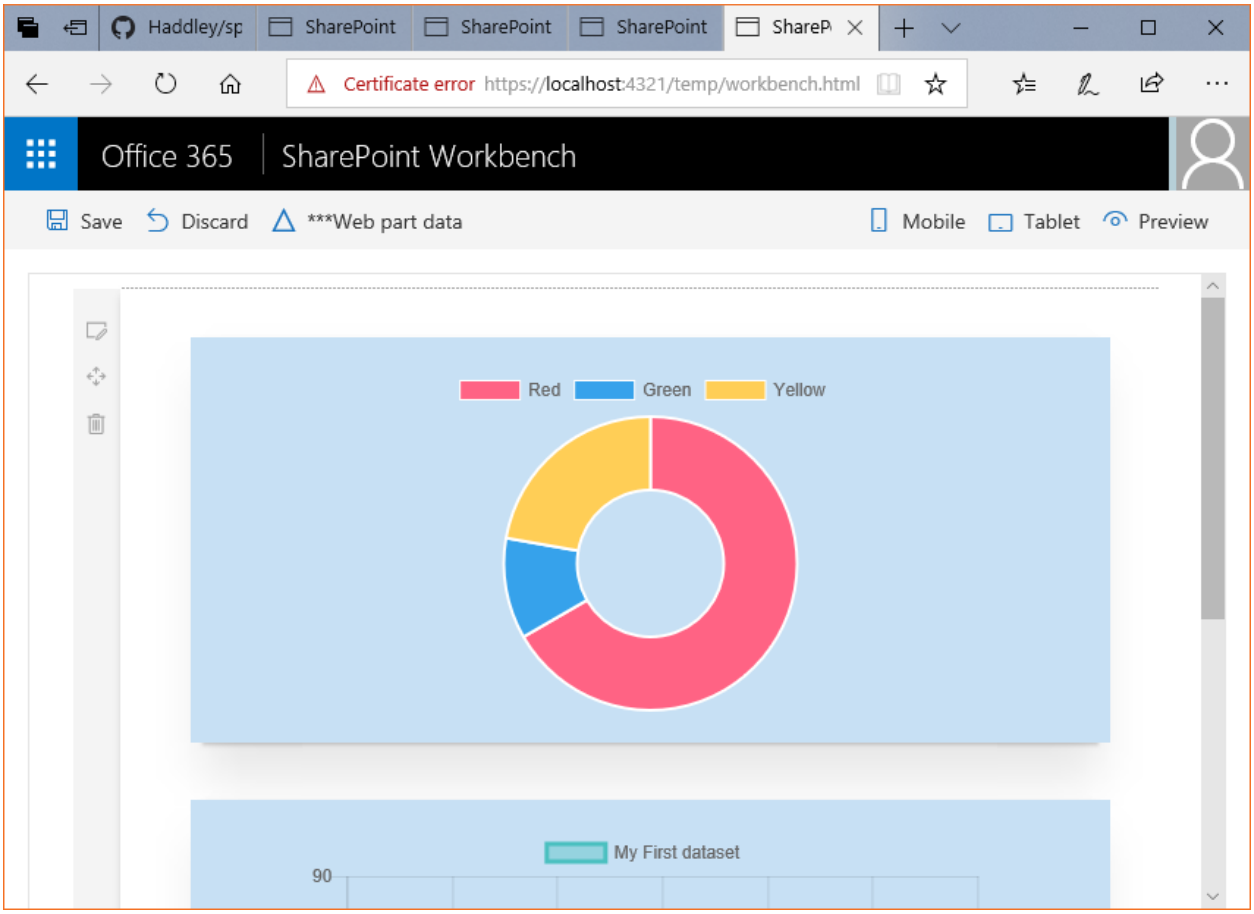
Mobile
Tablet
Preview
Red
Green
Yellow
My First dataset
90


DoughnutChart.module.scss - sp-react-chartjs-2 - Visual Studio Code
File Edit Selection View Go Debug Tasks Help
EXPLORER
OPEN EDITORS
DoughnutChart.tsx src\webparts\do... U
DoughnutChart.module.scss src\we... U
LineChart.tsx src\webparts\lineChart\... M
SP-REACT-CHARTJS-2
.vscode
config
dist
lib
node_modules
src
webparts
doughnutChart
components
DoughnutChart.module.scss U
DoughnutChart.tsx U
IDoughnutChartProps.ts U
loc
DoughnutChartWebPart.manifest... U
DoughnutChartWebPart.ts U
lineChart
components
ILineChartProps.ts A
LineChart.module.scss A
LineChart.tsx M
loc
LineChartWebPart.manifest.json A
OUTLINE
DoughnutChart.tsx
DoughnutChart.module.scss
LineChart.tsx
margin: 0px auto;
box-shadow: 0 2px 4px 0 rgba(0, 0, 0, 0.2), 0 25px 50px 0 rgba(0, 0, 0, 0.1);
.row {
@include ms-Grid-row;
@include ms-fontColor-white;
background-color: $ms-color-themeLight;
padding: 20px;
.column {
@include ms-Grid-col;
@include ms-lg10;
@include ms-xl8;
@include ms-xlPush2;
@include ms-lgPush1;
.title {
@include ms-font-xl;
@include ms-fontColor-white;
.subTitle {
@include ms-font-l;
@include ms-fontColor-white;
.description {
@include ms-font-l;
@include ms-fontColor-white;
master*+
Ln 13, Col 43 (5 selected)
Spaces: 2
UTF-8
CRLF
SCSS



https://github.com/jerairrest/react-chartjs-2/blob/master/example/src/components/bar.js

https://github.com/jerairrest/react-chartjs-2/blob/master/example/src/components/bubble.js

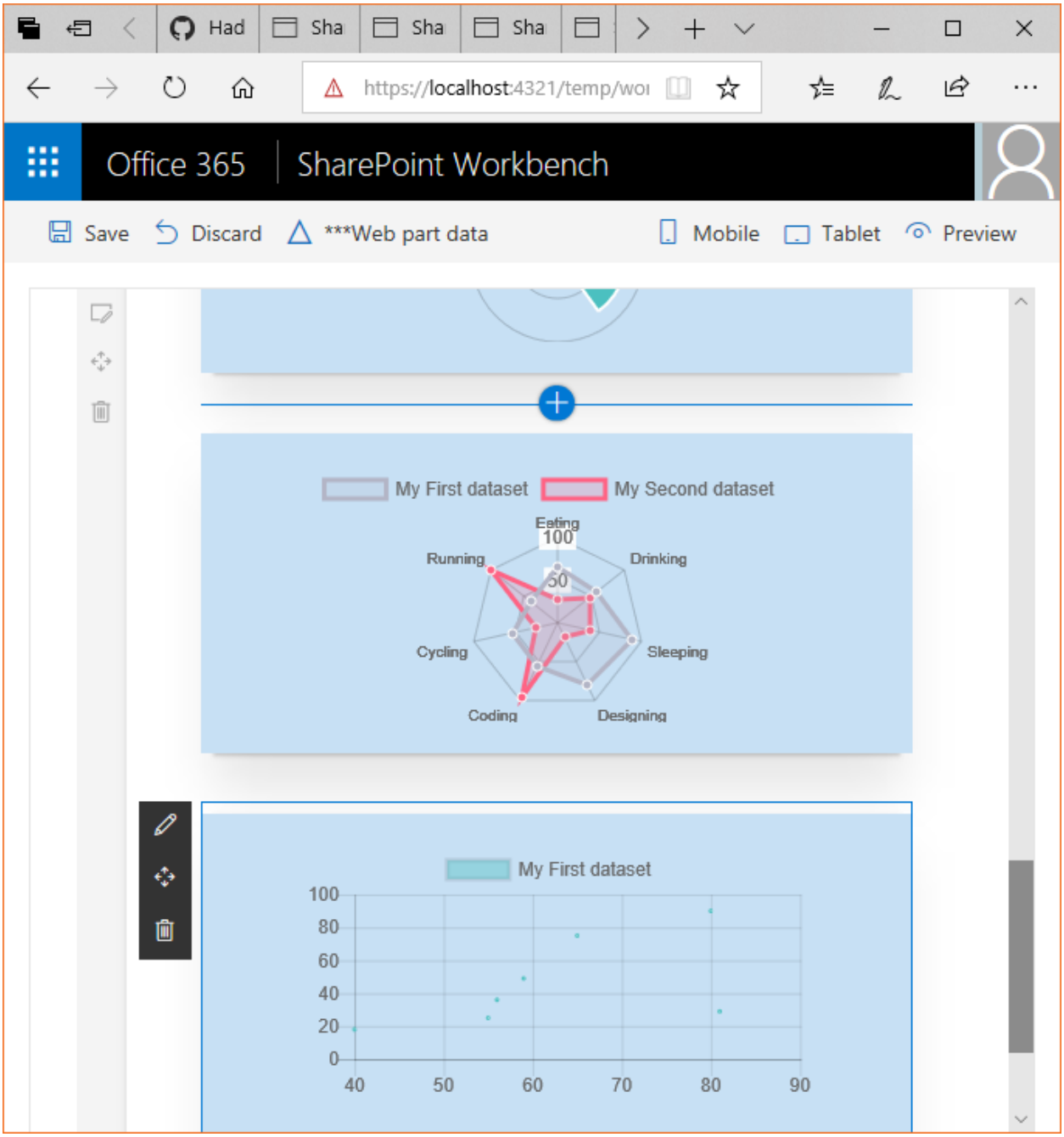
https://github.com/jerairrest/react-chartjs-2/blob/master/example/src/components/horizontalBar.js

https://github.com/jerairrest/react-chartjs-2/blob/master/example/src/components/pie.js

https://github.com/jerairrest/react-chartjs-2/blob/master/example/src/components/polar.js

https://github.com/jerairrest/react-chartjs-2/blob/master/example/src/components/radar.js

https://github.com/jerairrest/react-chartjs-2/blob/master/example/src/components/scatter.js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https://localhost:4321/temp/wor
Office 365
SharePoint Workbench
Save
Discard
***Web part data
Mobile
Tablet
Preview
My First dataset
My Second dataset
Eating
100
Drinking
50
Sleeping
Designing
Coding
Cycling
Running
My First dataset
100
80
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20
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50
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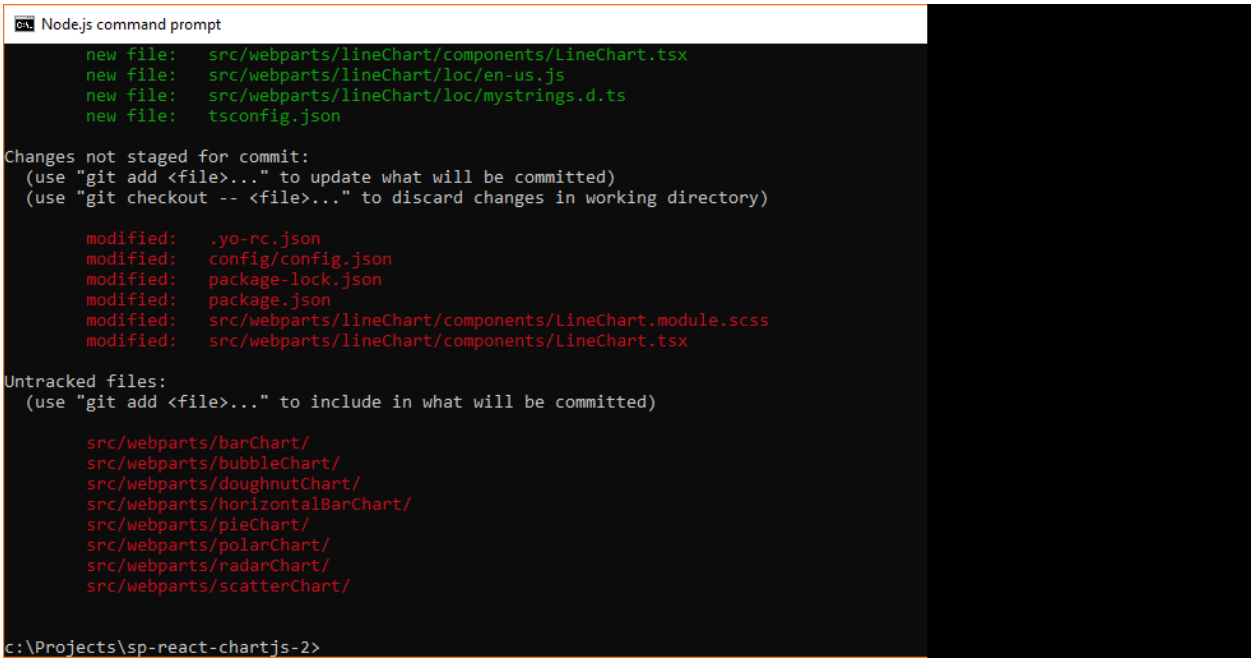
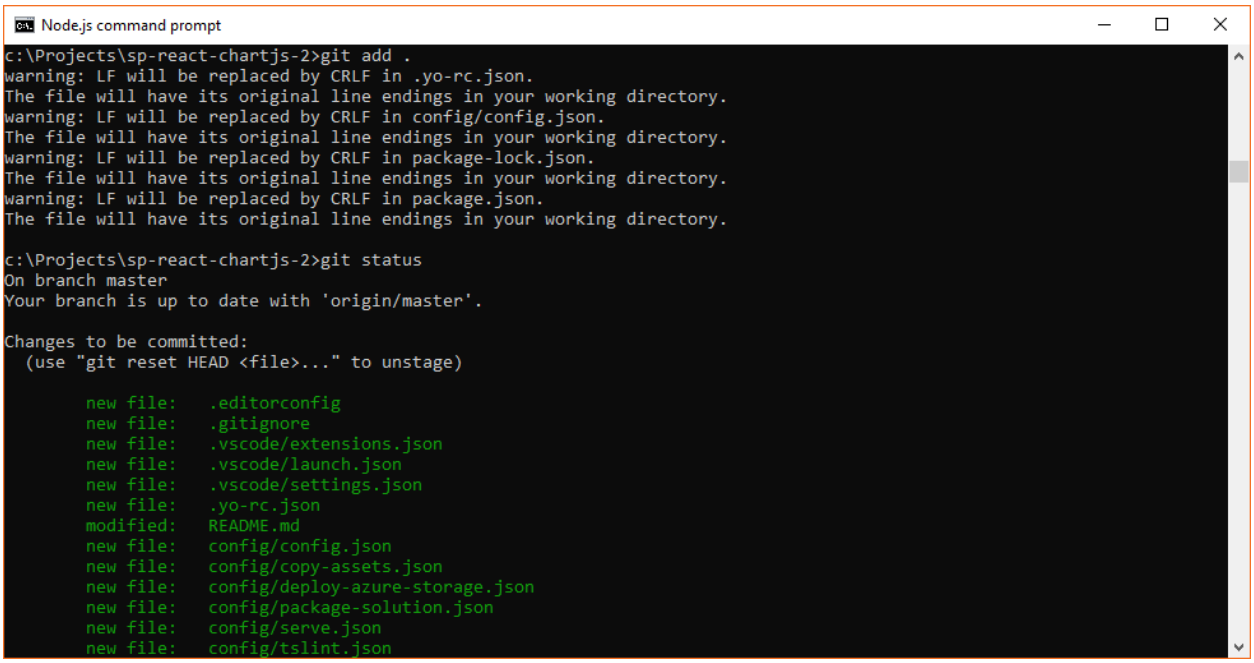


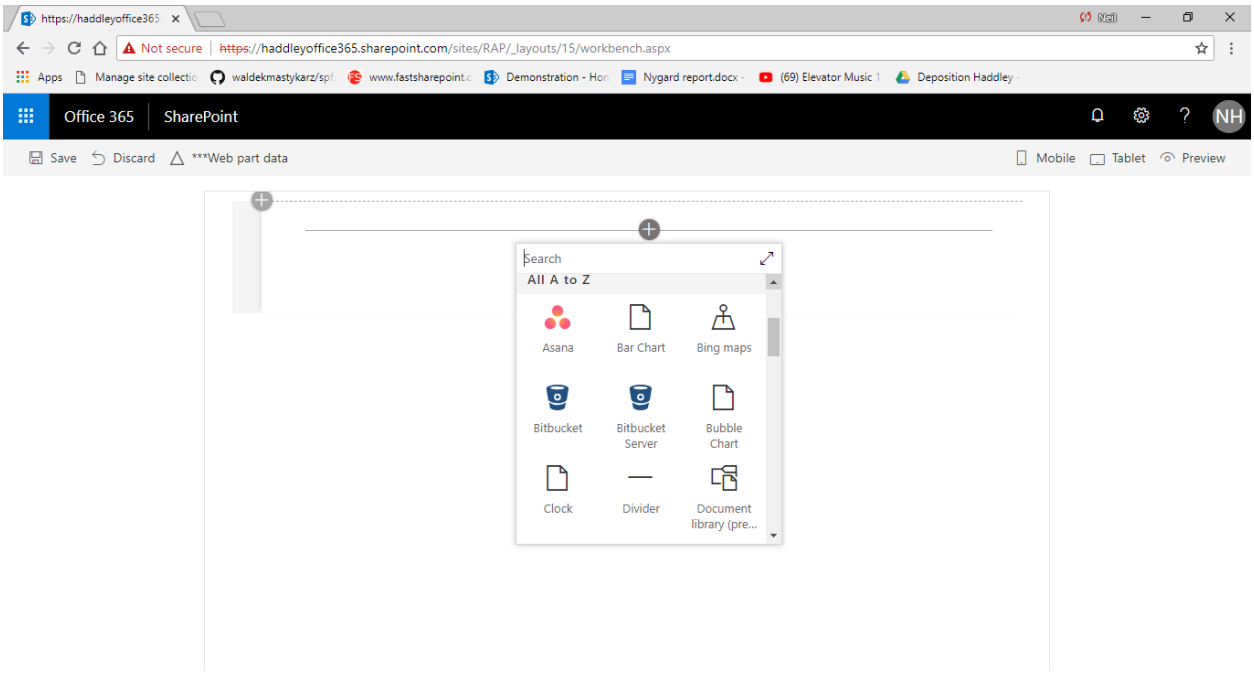


>git commit -m “initial commit”

>git push origin master

Testing

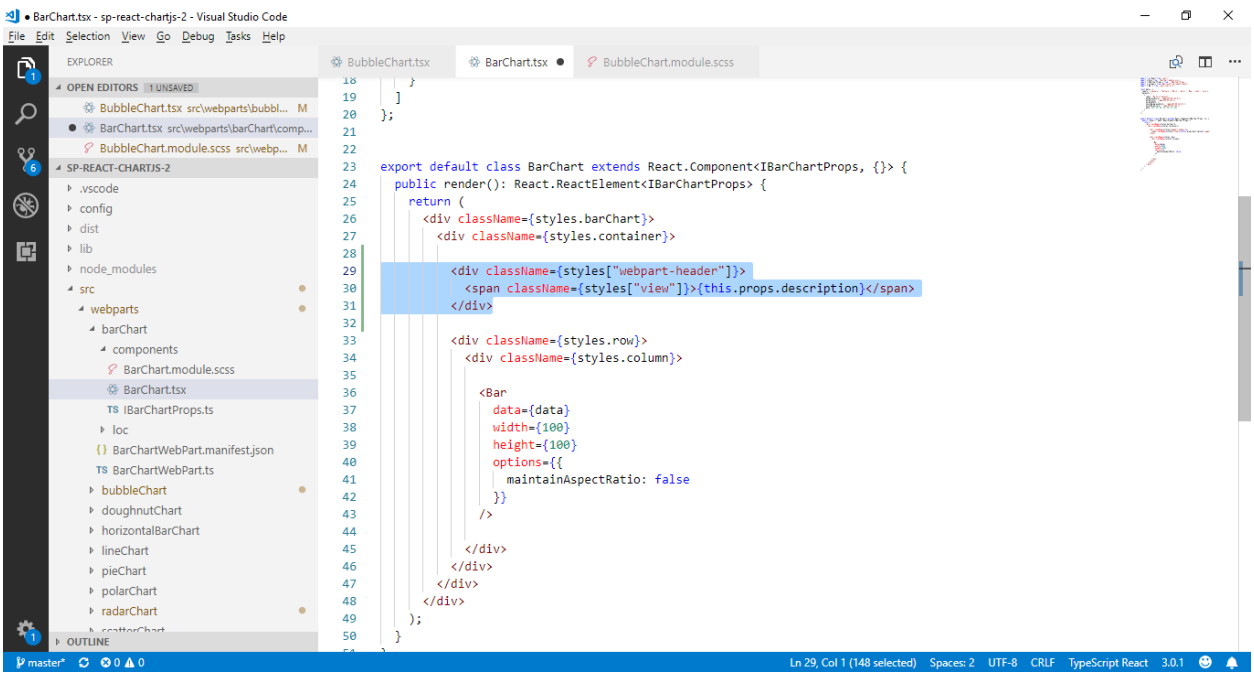
https://haddleyoffice365.sharepoint.com/sites/RAP/_layouts/15/workbench.aspx



Updating styles

https://blog.mptolly.com/creating-an-inline-editable-web-part-title-in-spfx/

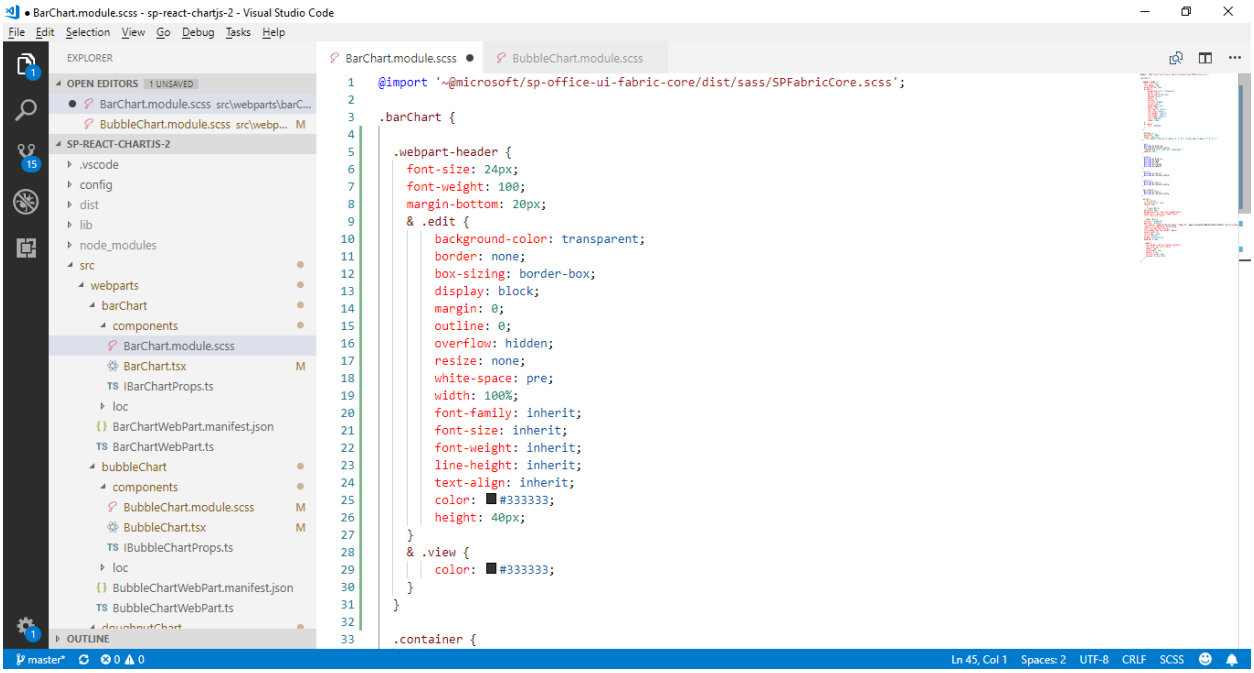
```
<div className={styles["webpart-header"]}>
  <span className={styles["view"]}>{this.props.description}</span>
</div>
```



```scss
  .webpart-header {
    font-size: 24px;
    font-weight: 100;
    margin-bottom: 20px;
    & .edit {
        background-color: transparent;
        border: none;
        box-sizing: border-box;
        display: block;
        margin: 0;
        outline: 0;
        overflow: hidden;
        resize: none;
        white-space: pre;
        width: 100%;
        font-family: inherit;
        font-size: inherit;
        font-weight: inherit;
        line-height: inherit;
        text-align: inherit;
        color: #333333;
        height: 40px;
    }
    & .view {
        color: #333333;
    }
  }

  .container {
    max-width: 700px;
    margin: 0px auto;
    /*box-shadow: 0 2px 4px 0 rgba(0, 0, 0, 0.2), 0 25px 50px 0 rgba(0, 0, 0,
0.1);*/
  }

  .row {
    @include ms-Grid-row;
    @include ms-fontColor-white;
    /*background-color: $ms-color-themeLight;*/
    padding: 20px;
  }
```


• BarChart.module.scss - sp-react-chartjs-2 - Visual Studio Code
File Edit Selection View Go Debug Tasks Help
EXPLORER
OPEN EDITORS 1 UNSAVED
BarChart.module.scss src\webparts\barC...
BubbleChart.module.scss src\webp... M
SP-REACT-CHARTJS-2
.vscode
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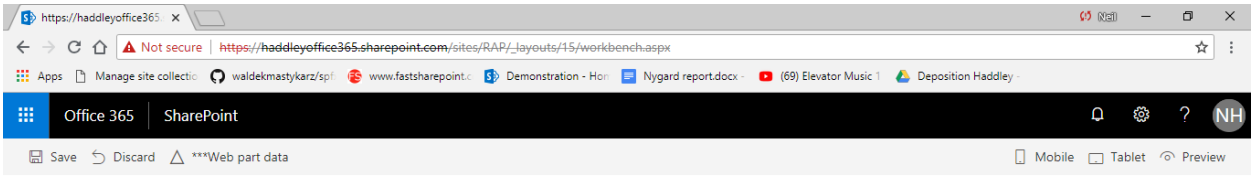
dist
lib
node_modules
src
webparts
barChart
components
BarChart.module.scss
BarChart.tsx M
IBarChartProps.ts
loc
BarChartWebPart.manifest.json
BarChartWebPart.ts
bubbleChart
components
BubbleChart.module.scss M
BubbleChart.tsx M
IBubbleChartProps.ts
loc
BubbleChartWebPart.manifest.json
BubbleChartWebPart.ts
OUTLINE
BarChart.module.scss
BubbleChart.module.scss
@import '~@microsoft/sp-office-ui-fabric-core/dist/sass/SPFabricCore.scss';
.barChart {
.webpart-header {
font-size: 24px;
font-weight: 100;
margin-bottom: 20px;
& .edit {
background-color: transparent;
border: none;
box-sizing: border-box;
display: block;
margin: 0;
outline: 0;
overflow: hidden;
resize: none;
white-space: pre;
width: 100%;
font-family: inherit;
font-size: inherit;
font-weight: inherit;
line-height: inherit;
text-align: inherit;
color: #333333;
height: 40px;
}
& .view {
color: #333333;
}
}
.container {
master*
Ln 45, Col 1 Spaces: 2 UTF-8 CRLF SCSS


https://haddleyoffice365
Not secure
https://haddleyoffice365.sharepoint.com/sites/RAP/_layouts/15/workbench.aspx
Apps
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www.fastsharepoint.c
Demonstration - Hon
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(69) Elevator Music 1
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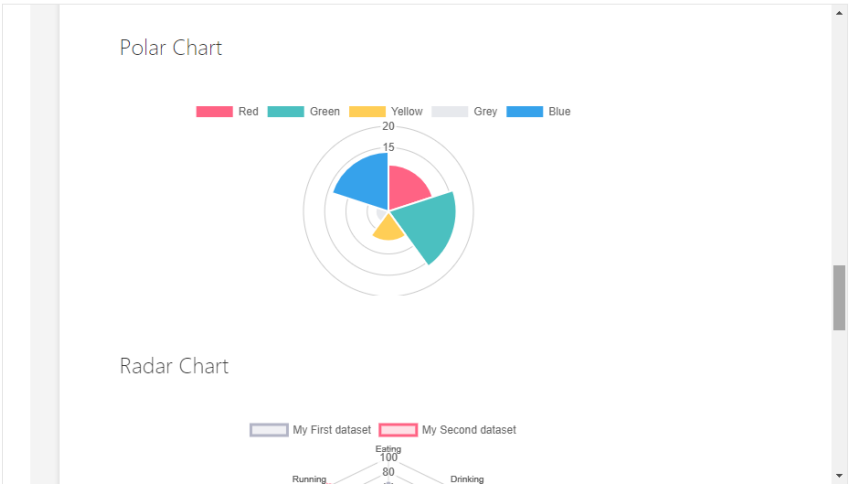
Mobile
Tablet
Preview


Polar Chart
Red
Green
Yellow
Grey
Blue
20
15
Radar Chart
My First dataset
My Second dataset
Eating
100
80
Running
Drinking