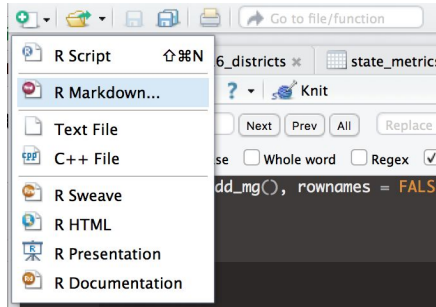
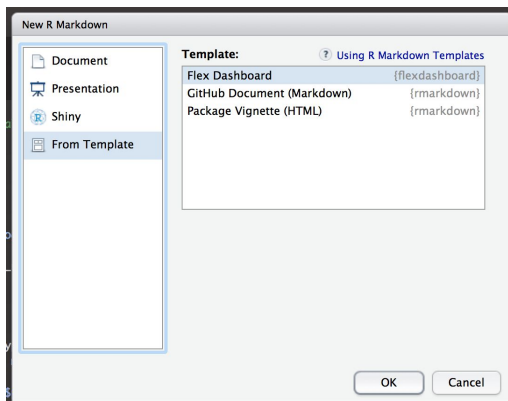


## Creating new Flexdashboard Document

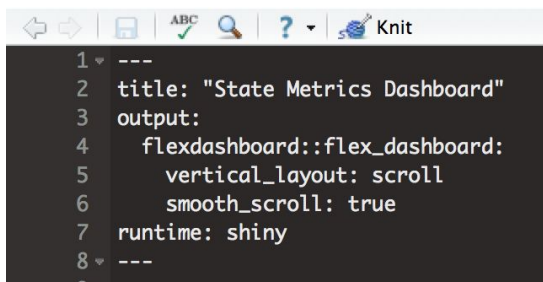
1. Open a new .Rmd script (R Markdown)



2. Toggle to “From Template” and click OK for Flex Dashboard (should be at top of Template list and highlighted by default)



3. Specify your dashboard layout options under “output: ” within the YAML



NOTE: must include “runtime: shiny” if reactive functions are used in dashboard

#### 4. Sample Chunk:

```
National Overview {data-orientation=rows}
=====
Row
-----
### Current 2016 Cleanliness Ranking (order of states in decreasing order of cleanliness percentage)
```{r}
# REMEMBER: ### indicates title of container outside of chunk.

sm_static <- state_metrics %>% arrange(desc(current16_districts_sample_perc))

highchart() %>%
  hc_chart(type = 'column') %>%
  hc_xAxis(categories = sm_static$postal_cd) %>%
  hc_yAxis(labels = list(format = '{value}%'), min = 0, max = 100) %>%
  hc_add_series(data = sm_static$current16_districts_sample_perc, name = "Current '16 Cleanliness Percentage") %>%
  hc_legend(enabled = FALSE)
```
```

#### Structure:

Page Title {data-orientation=rows or columns}

===== # indicates Page creation

Row/Column

----- # indicates Row or Column creation

### Title displayed on dashboard for this container (aka chunk) goes here.

```{r}

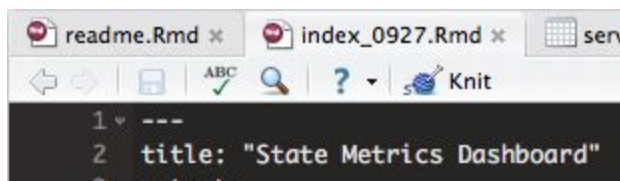
# This is a chunk: format beginning with ```{r} and ending in ```

# A chunk is space for you to write code.

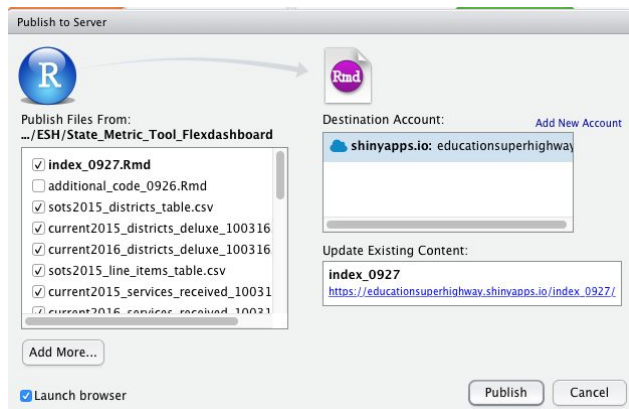
# Each chunk will display as a container on your dashboard, containing what you develop within this chunk.

```

5. Once you are ready to compile your document, click the “Knit” button to compile and view local version of dashboard



6. Once you have loaded the local dashboard, to publish a link, click on the **Publish** (or Republish) button on the upper right hand corner. Note: You must make sure the underlying datasets and files are selected in addition to the .Rmd file in use.



\*Best practice would be to keep only current/relevant datasets, image files, and **one .Rmd file** in your dashboard folder. You will receive an error if there are multiple .Rmd files selected when you try to publish.

## Dashboard Prerequisites

### I. Datasets (.csv)

Must include the following datasets to generate metrics and visualizations on the dashboard:

*sots2015\_districts\_table*  
*sots2015\_line\_items\_table*  
*current2015\_district\_deluxe\_(pulled date: mmddyy)*  
*current2015\_services\_received\_(pulled date)*  
*current2016\_district\_deluxe\_(pulled date)*  
*current2016\_services\_received\_(pulled date)*  
*state\_metrics\_spreadsheet\_(pulled date)*  
*target\_list\_(pulled date)*

### II. Images (.png)

Must include the following images to generate chapter headers on State Summary page:

upgrades  
connectivity  
fiber  
affordability  
wifi

# Dashboard Table of Contents: Pages, Sections, & Deep Dives

## PAGES

Page 1: National Overview

Page 2: State Summary

## SECTIONS

Page 1: National Overview

- Ranking Data Cleanliness
- Ranking Meeting Connectivity Goal
- Ranking % Campuses on Fiber
- Ranking Meeting Affordability Goal

Page 2. State Summary

- Cleanliness of Data
- Upgrades
- Connectivity
- Fiber
- Affordability
- Wi-Fi