Untitled

Getting ready for fonts

Notice that the yaml at the beginning of this file includes a latex_engine which will be used when creating a pdf document.

It also includes a mainfont setting called *DejaVu Sans*. This is not the only font that will work to produce the spark graphs. However, it is a free font available through the `extrafont` package. If you have not installed extrafont you should do so using the normal package installation procedures. You should then make sure that the desired font is installed.

The code below will not run automatically when you knit, instead you should run it in the console.

```
install.packages(c("extrafont"))
font_install("DejaVu Sans")
```

If there are any difficulties please read the extrafont documentation.

```
library(knitr)
library(skimr)
```

Try knitting this document to PDF, HTML, doc or any other format you wish to try. You will notice that there are slight differences between them. To understand the impact of the engine and font choices you should experiment with different options.

Plain printing

The first example shows what printing the basic skim function looks like. You can try knitting to different formats to see how it changes.

```
skim(iris)
```

Table 1: Data summary

Name	iris
Number of rows	150
Number of columns	5
Column type frequency:	
factor	1
numeric	4
Group variables	None

Variable type: factor

skim_variable	missing	complete	n	ordered	n_unique	top_counts
Species	0	150	150	FALSE	3	set: 50, ver: 50, vir: 50

Variable type: numeric

skim_variable	missing	complete	n	mean	sd	p0	p25	p50	p75	p100	hist
Sepal.Length	0	150	150	5.84	0.83	4.3	5.1	5.80	6.4	7.9	
Sepal.Width	0	150	150	3.06	0.44	2.0	2.8	3.00	3.3	4.4	
Petal.Length	0	150	150	3.76	1.77	1.0	1.6	4.35	5.1	6.9	
Petal.Width	0	150	150	1.20	0.76	0.1	0.3	1.30	1.8	2.5	

It is possible that the histograms will not print in all of the formats.

Kable example

Kable is a function from the knitr package that provides formatting of tables. To use kable() you should add `results='asis'` as a code chunk option.

```
skim(iris) %>% kable()
```

skim_type	skim_variable	factor.missing	factor.complete	factor.n	factor.ordered	factor.n_unique	factor.top_counts
factor	Species	0	150	150	FALSE	3	set: 50, ver: 50, vir: 50
numeric	Sepal.Length	NA	NA	NA	NA	NA	NA
numeric	Sepal.Width	NA	NA	NA	NA	NA	NA
numeric	Petal.Length	NA	NA	NA	NA	NA	NA
numeric	Petal.Width	NA	NA	NA	NA	NA	NA