Untitled

Using RMarkdown

Text

Text can be decorated with **bold** or *italics*. It is also possible to

- create links
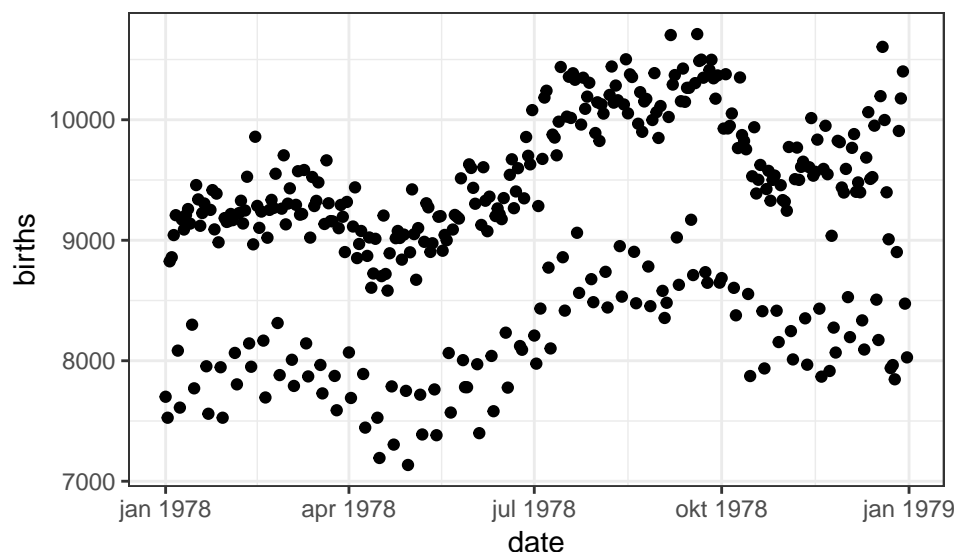- include mathematics like $e = mc^2$ or

$$y = \beta_0 + \beta_1 x_1 + \beta_2 x_2$$

Be sure to put a space after the * when you are creating bullets and a space after # when creating section headers, but **not** between $ and the mathematical formulas.

Graphics

If the code of an R chunk produces a plot, this plot can be displayed in the resulting file.

```
gf_point(births ~ date, data = Births78)
```


R output

Other forms of R output are also displayed as they are produced.

```
favstats(~ births, data = Births78)
```

```
##   min   Q1 median   Q3   max     mean       sd   n missing
##  7135 8554   9218 9705 10711 9132.162 817.8821 365       0
```

Destination formats

This file can be knit to HTML, PDF, or Word. In RStudio, just select the desired output file type and click on `Knit HTML`, `Knit PDF`, or `Knit Word`. Use the dropdown menu next to that to change the desired file

type.

Documenting file creation

It's useful to record some information about how your file was created.

- File creation date: 2018-09-16
- R version 3.4.4 (2018-03-15)
- R version (short form): 3.4.4
- `mosaic` package version: 1.4.0
- Additional session information

```
## R version 3.4.4 (2018-03-15)
## Platform: x86_64-pc-linux-gnu (64-bit)
## Running under: Ubuntu 18.04.1 LTS
##
## Matrix products: default
## BLAS: /usr/lib/x86_64-linux-gnu/openblas/libblas.so.3
## LAPACK: /usr/lib/x86_64-linux-gnu/libopenblasp-r0.2.20.so
##
## locale:
##  [1] LC_CTYPE=en_US.UTF-8       LC_NUMERIC=C
##  [3] LC_TIME=nl_NL.UTF-8        LC_COLLATE=en_US.UTF-8
##  [5] LC_MONETARY=nl_NL.UTF-8    LC_MESSAGES=en_US.UTF-8
##  [7] LC_PAPER=nl_NL.UTF-8       LC_NAME=C
##  [9] LC_ADDRESS=C               LC_TELEPHONE=C
## [11] LC_MEASUREMENT=nl_NL.UTF-8 LC_IDENTIFICATION=C
##
## attached base packages:
## [1] stats     graphics  grDevices utils     datasets  methods   base
##
## other attached packages:
## [1] mosaic_1.4.0     Matrix_1.2-12    mosaicData_0.17.0 ggformula_0.9.0
## [5] ggstance_0.3.1   ggplot2_3.0.0    lattice_0.20-35   dplyr_0.7.5
##
## loaded via a namespace (and not attached):
##  [1] Rcpp_0.12.17     pillar_1.0.1     compiler_3.4.4   plyr_1.8.4
##  [5] bindr_0.1.1      tools_3.4.4      digest_0.6.15    nlme_3.1-131
##  [9] evaluate_0.10.1  tibble_1.4.1     gtable_0.2.0     pkgconfig_2.0.1
## [13] rlang_0.2.1      ggrepel_0.8.0    yaml_2.1.19      ggdendro_0.1-20
## [17] bindrcpp_0.2.2   gridExtra_2.3    withr_2.1.2      stringr_1.3.1
## [21] knitr_1.20       rprojroot_1.3-2  grid_3.4.4       tidyselect_0.2.4
## [25] mosaicCore_0.6.0 glue_1.2.0       R6_2.2.2         rmarkdown_1.10
## [29] purrr_0.2.5      tidyr_0.8.1      magrittr_1.5     splines_3.4.4
## [33] backports_1.1.2  scales_0.5.0     htmltools_0.3.6  MASS_7.3-48
## [37] assertthat_0.2.0 colorspace_1.3-2 labeling_0.3     stringi_1.2.2
## [41] lazyeval_0.2.1   munsell_0.4.3    broom_0.5.0
```