

assingment 5

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R Markdown

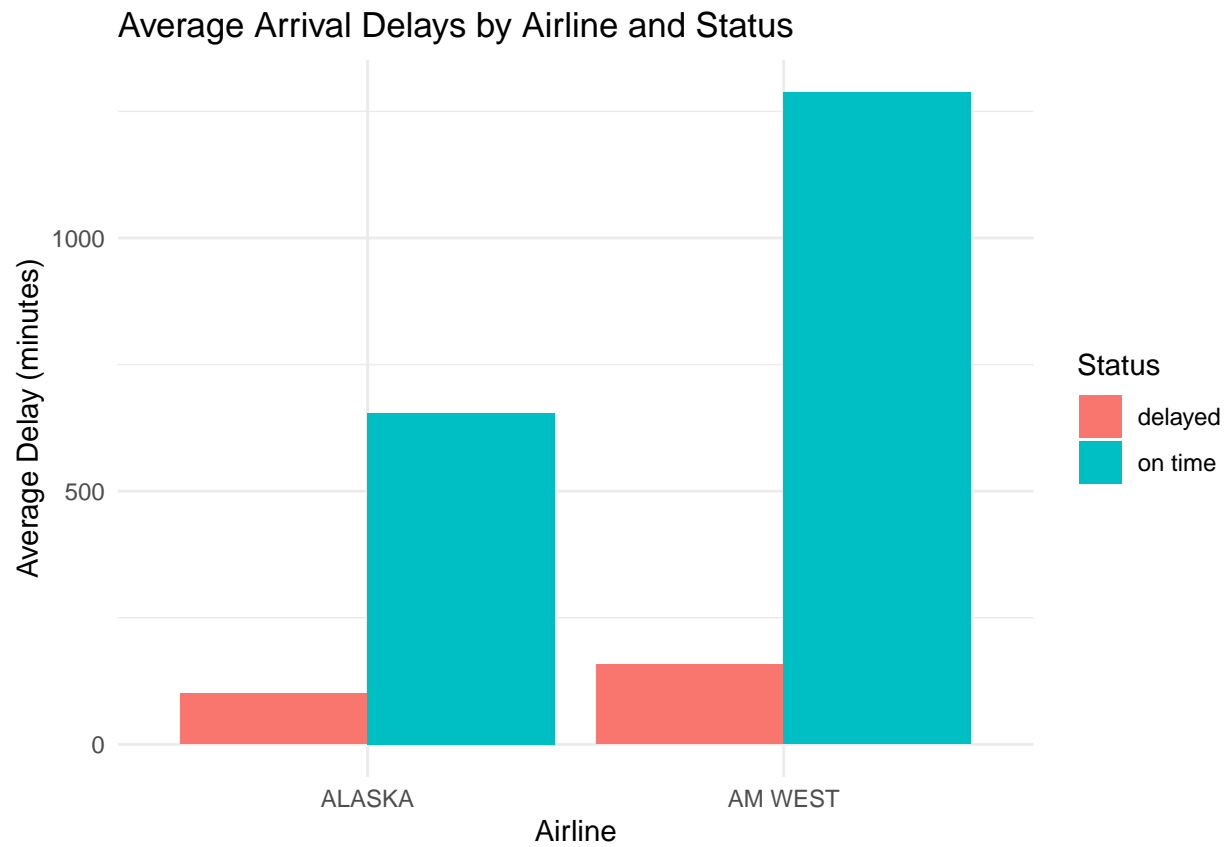
This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see <http://rmarkdown.rstudio.com>.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
# Create the data frame
data <- data.frame(
  Airline = c("ALASKA", "ALASKA", "AM WEST", "AM WEST"),
  Status = c("on time", "delayed", "on time", "delayed"),
  Los_Angeles = c(497, 62, 694, 117),
  Phoenix = c(221, 12, 4840, 415),
  San_Diego = c(212, 20, 383, 65),
  San_Francisco = c(503, 102, 320, 129),
  Seattle = c(1841, 305, 201, 61)
)
#transformed into long data
long_data <- data %>%
  pivot_longer(cols = starts_with("Los"):Seattle,
               names_to = "Destination",
               values_to = "Delay")
```

Including Plots

You can also embed plots, for example:



Note that the `echo = FALSE` parameter was added to the code chunk to prevent printing of the R code that generated the plot.