Draft\_expected\_bed\_usage\_20200402

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## Python Setup

We install the R package reticulate with the following commands:

# install.packages("reticulate")  
library(reticulate)

We can run Python code with the following:

import numpy as np  
print("Hello, World")

## Hello, World

To hide code and only show output, add the chunk option echo = FALSE:

## sys.version\_info(major=2, minor=7, micro=16, releaselevel='final', serial=0)

## 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:

summary(cars)

## speed dist   
## Min. : 4.0 Min. : 2.00   
## 1st Qu.:12.0 1st Qu.: 26.00   
## Median :15.0 Median : 36.00   
## Mean :15.4 Mean : 42.98   
## 3rd Qu.:19.0 3rd Qu.: 56.00   
## Max. :25.0 Max. :120.00

## 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.