Weather Forecast Report

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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:

```r
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.

Weather Forecast Report ## Introduction ### Data Analysis

The weather forecast for the upcoming week is as follows: - Monday: *Sunny* with temperatures around **25°C**. - Tuesday: *Cloudy* with temperatures around **22°C**. - Wednesday: *Rainy* with temperatures around **20°C**.

'''r # Create temperature data for the week days <- c("Monday", "Tuesday", "Wednesday", "Thursday", "Friday") temperatures <- c(25, 22, 20, 23, 24) ''' ''' '''r # Plot the temperature data barplot(temperatures, names.arg = days, col = "skyblue", main = "Weekly Temperature Forecast", xlab = "Days", ylab = "Temperature (° C)") '''