

# 从零开始打造数据分析环境

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## 1 引言

基于 The Rocker Project<sup>1</sup> 快速构建数据分析环境，Rocker 项目 站在 Debian 和 R 的肩膀上，在 Docker 内配置众多数据分析和开发的工具，免去用户手动配置的复杂性。此事非有心者不能为之 — 其间需费时费力找寻依赖库，编译 R 包，还要尽可能地给 Docker 镜像减负，以便部署。如果想抢先试水的赶快去 Rocker 项目主页。

### 1.1 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:

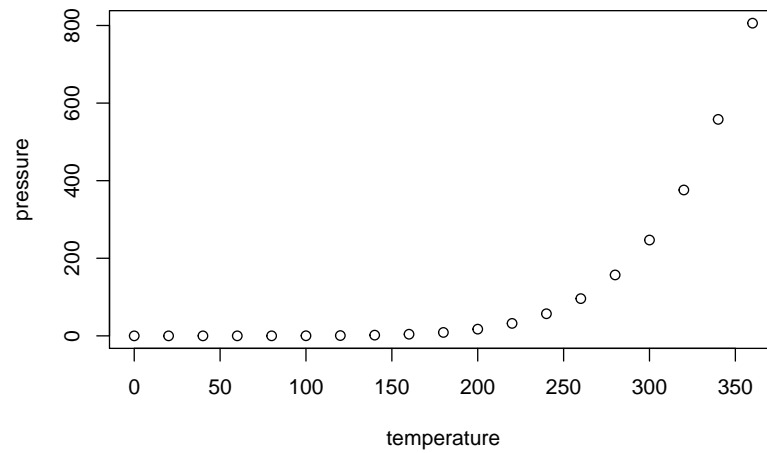
```
##           speed           dist
##  Min.      : 4.0    Min.      :  2.00
##  1st Qu.:12.0    1st Qu.: 26.00
##  Median :15.0    Median : 36.00
##  Mean   :15.4    Mean   : 42.98
##  3rd Qu.:19.0    3rd Qu.: 56.00
##  Max.    :25.0    Max.    :120.00
```

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<sup>1</sup><https://www.rocker-project.org/>

## 1.2 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.