

Modeling GDP Using Health and Socioeconomic Indicators

Erin Xu, Dora Dong, Shencen Cai, Sharon Lam

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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>.

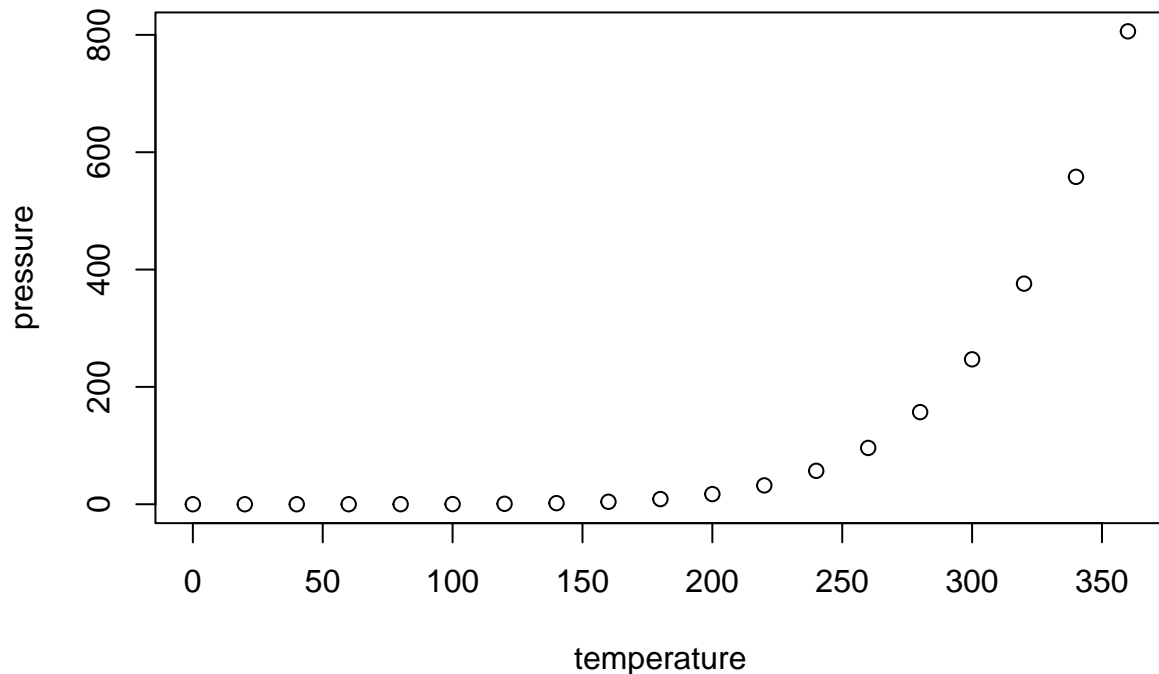
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
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.

- Kumar, Rajarshi. 2018. "Life Expectancy (WHO)." <https://www.kaggle.com/datasets/kumarajarshi/life-expectancy-who>.
- Organisation for Economic Co-operation and Development. n.d. "Nominal Gross Domestic Product (GDP)." <https://www.oecd.org/en/data/indicators/nominal-gross-domestic-product-gdp.html?oecdcontrol-d7f68dbeee-var3=2023>.
- Radcliffe, Brent. n.d. "How Education and Training Affect the Economy." <https://www.investopedia.com/articles/economics/09/education-training-advantages.asp>.
- Raghupathi, Viju, and Wullianallur Raghupathi. 2020. "Healthcare Expenditure and Economic Performance: Insights from the United States Data." *Frontiers in Public Health* 8: 156. <https://doi.org/10.3389/fpubh.2020.00156>.
- Solow, Robert M. 1956. "A Contribution to the Theory of Economic Growth." *The Quarterly Journal of Economics* 70 (1): 65–94. <https://doi.org/10.2307/1884513>.
- United Nations. n.d. "UN Data." <https://data.un.org>.
- World Health Organization. n.d. "Global Health Observatory (GHO) Data Repository." <https://www.who.int/data/gho>.