Import

## Quarto

Quarto enables you to weave together content and executable code into a finished document. To learn more about Quarto see <https://quarto.org>.

## Running Code

When you click the **Render** button a document will be generated that includes both content and the output of embedded code. You can embed code like this:

library(ggplot2)

library(dplyr)

library(gganimate)

# Import data for Pakistan  
import\_pak <- c(1117807644, 814017565, 907783978.1, 1535555556, 2324848485, 2409494949, 2701111111, 3292929293, 4295858586, 5512929293, 6275656566, 6492985782, 6458110236, 6843425349, 7040171504, 6415065096, 6366035537, 7473483338, 8174710143, 8100453419, 8434875711, 9984113697, 11552190707, 9883122490, 11777213240, 13567628711, 12967600154, 10900343052, 10684436463, 11769393573, 12581363793, 11619632998, 14030220249, 17697602918, 25595408170, 33184878526, 35286554453, 45441535498, 39220849369, 38066805527, 43534938844, 48633321047, 48401947685, 49596211161, 50134755424, 50070597552, 58514392790, 67821962097, 62624560742, 52327295783, 62659184537, 84315687274)  
  
years\_pak <- 1971:(1971 + length(import\_pak) - 1)  
  
# Import data for Finland  
import\_fin <- c(3116111111, 3558591913, 4849296717, 7338853001, 8310974624, 8192029543, 8555407998, 8979061372, 12688139215, 17233025183, 15896941306, 15153570988, 14637062340, 14340126632, 15264773599, 17894675111, 22422561883, 26449182658, 29576001108, 33514227958, 28389942655, 27792673215, 23895076507, 29329538987, 37987472767, 38849339891, 38637040431, 39579439252, 38733513445, 41414786698, 39524131051, 42352247165, 52757320690, 63874383958, 74385401475, 84467899655, 1.00068E+11, 1.17956E+11, 86296583224, 92411731683, 1.09358E+11, 1.04252E+11, 1.06038E+11, 1.03434E+11, 84375126793, 86889680552, 95877171128, 1.09521E+11, 1.06667E+11, 97093522437, 1.1694E+11, 1.34914E+11)  
  
years\_fin <- 1971:(1971 + length(import\_fin) - 1)  
  
# Filter the common years  
common\_years\_import <- intersect(years\_pak, years\_fin)  
  
data\_import <- data.frame(years = common\_years\_import,  
 import\_pak = import\_pak[match(common\_years\_import, years\_pak)],  
 import\_fin = import\_fin[match(common\_years\_import, years\_fin)])  
  
ggplot(data\_import, aes(x = years)) +  
 geom\_line(aes(y = import\_pak, color = "Pakistan"), size = 1) +  
 geom\_point(aes(y = import\_pak, color = "Pakistan"), size = 3) +  
 geom\_line(aes(y = import\_fin, color = "Finland"), size = 1) +  
 geom\_point(aes(y = import\_fin, color = "Finland"), size = 3) +  
 labs(title = "Import Comparison: Pakistan vs. Finland", x = "Years", y = "Import Amount") +  
 scale\_color\_manual(values = c("Pakistan" = "green", "Finland" = "blue")) +  
 theme\_minimal() +  
 theme(legend.position = "top", panel.background = element\_rect(fill = "#F3E6FF")) +  
 transition\_reveal(years)

