Foregin Direct Investment

## Quarto

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## 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)

# FDI data for Pakistan  
fdi\_pak <- c(NA,NA,NA,NA,NA, -8220530.168, -15223204.01, -32273192.51, -58254127.36, -63632992.78, -108084748.5, -63833091.62, -29457026.66, -60194580.19, -139255277.3, -106379985.3, -110150687.4, -173750062.2, -167516908.3, -243314680.5, -262151741.8, -348059754.4, -350710419.2, -420058004.5, -722221107.4, -915190761.1, -740567596.3, -456000000, -511000000, -297000000, -352000000, -795000000, -515000000, -1062000000, -2156000000, -4164000000, -5492000000, -5389000000, -2267000000, -1975000000, -1264000000, -782000000, -1121000000, -1765000000, -1648000000, -2524000000, -2444000000, -1758000000, -2319000000, -2102000000, -1905000000, -258000000)  
  
years\_pak <- 1971:(1971 + length(fdi\_pak) - 1)  
  
# FDI data for Finland  
fdi\_fin <- c(NA,NA, NA,NA, -42292963.9, -27463695.76, 24131108.63, 28728605.03, 97495345.73, 108818294.6, 29255695.06, 77244991.28, 54096748.52, 355984920.6, 235397815.3, 412669145.2, 876358534.7, 2092310899, 2477861223, 1970007773, 112918831.7, -1153411829, 537946749.4, 2858035863, 450056527.3, 2464656102, 3131691250, 6668965419, 2088623911, 14780179940, 4721635281, -756942688, -5756624401, -4017927073, -393671434.5, -2837996225, -5459866277, 10751439982, 4920533661, 2766046760, 2457167886, 3444014950, -2236027725, -17108721388, -18241204965, 15487777452, -3464257880, 13725083435, -8568455133, 7447437564, -4364887160, 7378497425)  
  
years\_fin <- 1971:(1971 + length(fdi\_fin) - 1)  
  
# Filter the common years  
common\_years\_fdi <- intersect(years\_pak, years\_fin)  
  
data\_fdi <- data.frame(  
 years = common\_years\_fdi,  
 fdi\_pak = fdi\_pak[match(common\_years\_fdi, years\_pak)],  
 fdi\_fin = fdi\_fin[match(common\_years\_fdi, years\_fin)]  
)  
  
ggplot(data\_fdi, aes(x = years)) +  
 geom\_line(aes(y = fdi\_pak, color = "Pakistan"), size = 1) +  
 geom\_point(aes(y = fdi\_pak, color = "Pakistan"), size = 3) +  
 geom\_line(aes(y = fdi\_fin, color = "Finland"), size = 1) +  
 geom\_point(aes(y = fdi\_fin, color = "Finland"), size = 3) +  
 labs(title = "Foreign Direct Investment (FDI) Comparison: Pakistan vs. Finland", x = "Years", y = "FDI") +  
 scale\_color\_manual(values = c("Pakistan" = "green", "Finland" = "blue")) +  
 theme\_minimal() +  
 theme(legend.position = "top", panel.background = element\_rect(fill = "#E6F7FF")) +  
 transition\_reveal(years)

