|  |
| --- |
| library(datasets)  # the animal dataset  ?lynx  head(lynx) |
| hist(lynx) |
| hist(  breaks = 14,  lynx,  freq = FALSE,  col = "thistle1",  main= paste("Histogram of Annual canadian Lynx", "Trappings, 1824-1934"),  xlab= "Number of Lynx Trapped") |

|  |
| --- |
| # use add = TRUE to meaning that ... it overlay  curve(  (dnorm(x, mean = mean(lynx), sd = sd(lynx))),  col = "thistle4",  lwd= 2,  add = TRUE  ) |
| # add kernel density estimator  lines(density(lynx), col= "blue", lwd= 2)  lines(density(lynx, adjust = 3), col= "purple", lwd= 2)  rug(lynx, lwd=2, col = "gray")  dev.off() |