1. cats
   1. quantile(cats$Bwt)

output:

0% 25% 50% 75% 100%

2.000 2.300 2.700 3.025 3.900

larger than 3.025

* 1. maleCats=filter(cats, cats$Sex == "M")
  2. mean(cats$Bwt > 3.025)

[1] 0.25 (25% of cats have body weight larger than 75%)

* 1. bwplot(Bwt~Sex, data= cats, xlab = "Sex of Cats", ylab = "Body weight of Cats (kg)", main = "Body Weights of Cats of Different Sex")