

Operation	base R example	dplyr function	dplyr example
select some rows	compensation[c(2,3,10),]	slice()	slice(compensation, c(2,3,10))
select some columns	compensation[,1:2] OR compensation[,c("Root", "Fruit")]	select()	select(compensation, Root, Fruit)
subset	compensation[compensation\$Fruit>80,] OR subset(compensation, Fruit>80)	filter()	filter(compensation, Fruit>80)
order the rows	compensation[order(compensation\$Fruit),]	arrange()	arrange(compensation, Fruit)
add a column	compensation\$logFruit <- log(compensation\$Fruit) OR transform(compensation, logFruit=log(Fruit))	mutate()	mutate(compensation, logFruit = log(Fruit))
define groups of data	-	group_by()	compensation %>% group_by(Grazing)
summarise the data	aggregate(Fruit ~ Grazing, data = compensation, FUN = mean) OR tapply(compensation\$Fruit, list(compensation\$Grazing), mean)	summarise() AND group_by()	compensation %>% group_by(Grazing) %>% meanFruit = mean(Fruit)