```r
group_X_fit <- function(training_data) {
  m1 <- lm(ViolentCrimesPerPop~ I(MalePctDivorce^(1/2)) + I(PctUrbanr^(1/3)) + PctIlleg +
           PctUrban + MedRent, d)
  m1
}

group_X_MSE <- function(model, data) {
  n <- nrow(data)
  MSE <- sum((data - predict(m1)) ^ 2)/n
  return(MSE)
}
```

1. For the code above, enumerate a list of the items you would change to improve the correctness, clarity, and efficiency of this code.

2. Write a new function group_X_process() that does any data processing transformation steps that are necessary for both the training and testing data. Also rewrite the now shorter group_X_fit() function.