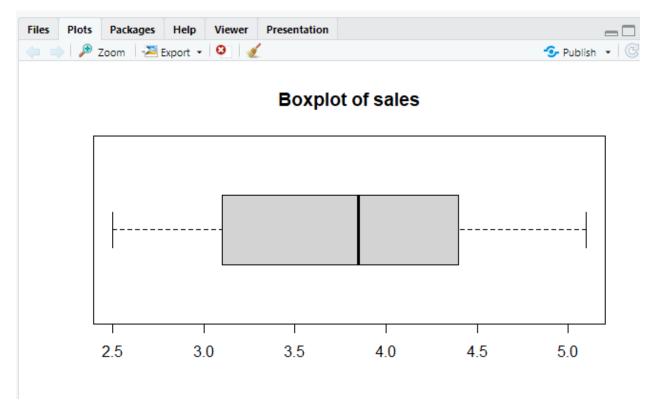
Lab sheet 04

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```
03).
> #3
> boxplot(branch_data$Sales_X1, main="Boxplot of sales", horizontal = TRUE)
> |
```



```
> summary(branch_data$Advertising_X2)
    Min. 1st Qu. Median Mean 3rd Qu. Max.
    80.0 101.2 132.5 134.8 158.8 210.0
> IQR_Advertising <- IQR(branch_data$Advertising_X2)
> print(paste("IQR of Advertising:",IQR_Advertising))
[1] "IQR of Advertising: 57.5"
04).
```

```
> get.outliers <- function(x){
+ q1 <- quantile(x,0.25)
+ q3 <- quantile(x,0.75)
+ iqr <- q3 - q1
+ lower_bound <- q1 - 1.5 * iqr
+ upper_bound<- q3 + 1.5 *iqr
+ outliers <- x[x < lower_bound | x > upper_bound]
+ return(outliers)
+ }
> get.outliers(branch_data$Years_X3)
integer(0)
```