Question 5 Markdown

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ToothGrowth

## len supp dose  
## 1 4.2 VC 0.5  
## 2 11.5 VC 0.5  
## 3 7.3 VC 0.5  
## 4 5.8 VC 0.5  
## 5 6.4 VC 0.5  
## 6 10.0 VC 0.5  
## 7 11.2 VC 0.5  
## 8 11.2 VC 0.5  
## 9 5.2 VC 0.5  
## 10 7.0 VC 0.5  
## 11 16.5 VC 1.0  
## 12 16.5 VC 1.0  
## 13 15.2 VC 1.0  
## 14 17.3 VC 1.0  
## 15 22.5 VC 1.0  
## 16 17.3 VC 1.0  
## 17 13.6 VC 1.0  
## 18 14.5 VC 1.0  
## 19 18.8 VC 1.0  
## 20 15.5 VC 1.0  
## 21 23.6 VC 2.0  
## 22 18.5 VC 2.0  
## 23 33.9 VC 2.0  
## 24 25.5 VC 2.0  
## 25 26.4 VC 2.0  
## 26 32.5 VC 2.0  
## 27 26.7 VC 2.0  
## 28 21.5 VC 2.0  
## 29 23.3 VC 2.0  
## 30 29.5 VC 2.0  
## 31 15.2 OJ 0.5  
## 32 21.5 OJ 0.5  
## 33 17.6 OJ 0.5  
## 34 9.7 OJ 0.5  
## 35 14.5 OJ 0.5  
## 36 10.0 OJ 0.5  
## 37 8.2 OJ 0.5  
## 38 9.4 OJ 0.5  
## 39 16.5 OJ 0.5  
## 40 9.7 OJ 0.5  
## 41 19.7 OJ 1.0  
## 42 23.3 OJ 1.0  
## 43 23.6 OJ 1.0  
## 44 26.4 OJ 1.0  
## 45 20.0 OJ 1.0  
## 46 25.2 OJ 1.0  
## 47 25.8 OJ 1.0  
## 48 21.2 OJ 1.0  
## 49 14.5 OJ 1.0  
## 50 27.3 OJ 1.0  
## 51 25.5 OJ 2.0  
## 52 26.4 OJ 2.0  
## 53 22.4 OJ 2.0  
## 54 24.5 OJ 2.0  
## 55 24.8 OJ 2.0  
## 56 30.9 OJ 2.0  
## 57 26.4 OJ 2.0  
## 58 27.3 OJ 2.0  
## 59 29.4 OJ 2.0  
## 60 23.0 OJ 2.0

pt1 <- subset(ToothGrowth, supp == 'VC')  
pt1

## len supp dose  
## 1 4.2 VC 0.5  
## 2 11.5 VC 0.5  
## 3 7.3 VC 0.5  
## 4 5.8 VC 0.5  
## 5 6.4 VC 0.5  
## 6 10.0 VC 0.5  
## 7 11.2 VC 0.5  
## 8 11.2 VC 0.5  
## 9 5.2 VC 0.5  
## 10 7.0 VC 0.5  
## 11 16.5 VC 1.0  
## 12 16.5 VC 1.0  
## 13 15.2 VC 1.0  
## 14 17.3 VC 1.0  
## 15 22.5 VC 1.0  
## 16 17.3 VC 1.0  
## 17 13.6 VC 1.0  
## 18 14.5 VC 1.0  
## 19 18.8 VC 1.0  
## 20 15.5 VC 1.0  
## 21 23.6 VC 2.0  
## 22 18.5 VC 2.0  
## 23 33.9 VC 2.0  
## 24 25.5 VC 2.0  
## 25 26.4 VC 2.0  
## 26 32.5 VC 2.0  
## 27 26.7 VC 2.0  
## 28 21.5 VC 2.0  
## 29 23.3 VC 2.0  
## 30 29.5 VC 2.0

pt2 <- subset(ToothGrowth, supp =='VC' | dose =='0.5')  
pt2

## len supp dose  
## 1 4.2 VC 0.5  
## 2 11.5 VC 0.5  
## 3 7.3 VC 0.5  
## 4 5.8 VC 0.5  
## 5 6.4 VC 0.5  
## 6 10.0 VC 0.5  
## 7 11.2 VC 0.5  
## 8 11.2 VC 0.5  
## 9 5.2 VC 0.5  
## 10 7.0 VC 0.5  
## 11 16.5 VC 1.0  
## 12 16.5 VC 1.0  
## 13 15.2 VC 1.0  
## 14 17.3 VC 1.0  
## 15 22.5 VC 1.0  
## 16 17.3 VC 1.0  
## 17 13.6 VC 1.0  
## 18 14.5 VC 1.0  
## 19 18.8 VC 1.0  
## 20 15.5 VC 1.0  
## 21 23.6 VC 2.0  
## 22 18.5 VC 2.0  
## 23 33.9 VC 2.0  
## 24 25.5 VC 2.0  
## 25 26.4 VC 2.0  
## 26 32.5 VC 2.0  
## 27 26.7 VC 2.0  
## 28 21.5 VC 2.0  
## 29 23.3 VC 2.0  
## 30 29.5 VC 2.0  
## 31 15.2 OJ 0.5  
## 32 21.5 OJ 0.5  
## 33 17.6 OJ 0.5  
## 34 9.7 OJ 0.5  
## 35 14.5 OJ 0.5  
## 36 10.0 OJ 0.5  
## 37 8.2 OJ 0.5  
## 38 9.4 OJ 0.5  
## 39 16.5 OJ 0.5  
## 40 9.7 OJ 0.5

pt3 <-ToothGrowth[ToothGrowth$supp == 'VC' & ToothGrowth$dose == '0.5',]  
pt3

## len supp dose  
## 1 4.2 VC 0.5  
## 2 11.5 VC 0.5  
## 3 7.3 VC 0.5  
## 4 5.8 VC 0.5  
## 5 6.4 VC 0.5  
## 6 10.0 VC 0.5  
## 7 11.2 VC 0.5  
## 8 11.2 VC 0.5  
## 9 5.2 VC 0.5  
## 10 7.0 VC 0.5