

The Health Company, which provides various diet plans to lose weight conducted a market test experiment conducted on both Gender (M, F) and tested three different level of diets (A, B, C). Each combination off Gender and Diet gave a different impact on the weight after following a diet for 6 weeks. Given is the dataset comprises of 78 observations which contains columns of Gender, Diet , Pre-weight and weight after 6 weeks. Perform ANOVA on the dataset and interpret the results.