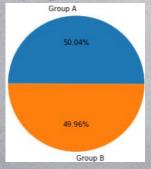
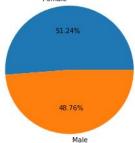


Demographics

New visitors were evenly split between the two groups:



• The male and female visitors were also evenly split between the groups:





Dataset

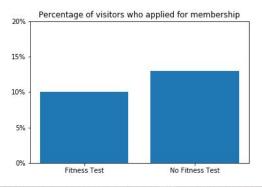
- The dataset included 5004 entries containing the following visitor information:
 - First Name
 - Last Name
 - Gender
 - Email Address
 - Visit Date
 - Fitness Test Date (if applicable)
 - Application Date (if applicable)
 - Purchase Date (if applicable)



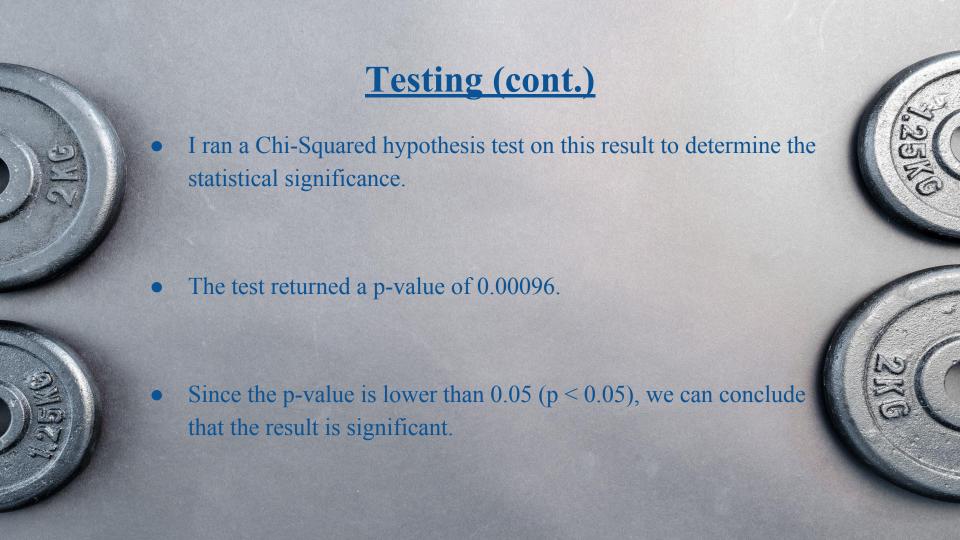
Testing

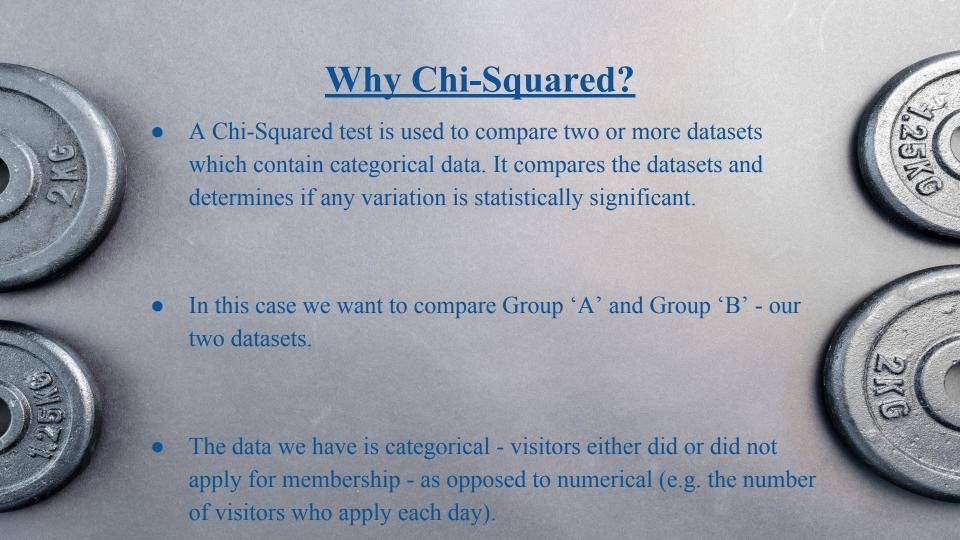
I began by determining the percentage of visitors from each

group who applied for membership:



• I found that approx. 10% of group 'A' (with fitness test) applied, and approx. 13% of group 'B' (without fitness test) applied.

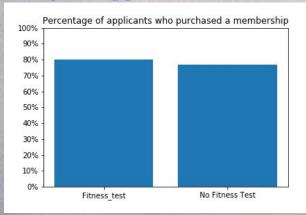




Testing (cont.)

I then determined the percentage of applicants who went on to

purchase a membership:



• Approx. 80% of applicants who had taken a fitness test purchased membership, compared to 77% of those who did not take a fitness test.

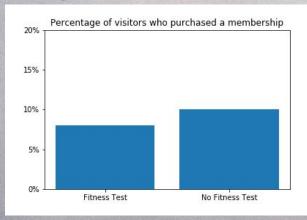
Testing (cont.) I ran another Chi-Squared test on this new dataset, which returned a p-value of 0.43. The p-value is greater than 0.05 (p > 0.05), so this result is not significant.

• We can conclude that there is no significant difference in purchase rates between applicants who had a fitness test and those who did not.

Testing (cont.)

Finally, I looked at the percentage of total visitors who ended up

purchasing membership:



• Approx. 8% of visitors who got a fitness test purchased membership, compared to 10% of those who did not get a fitness test.

