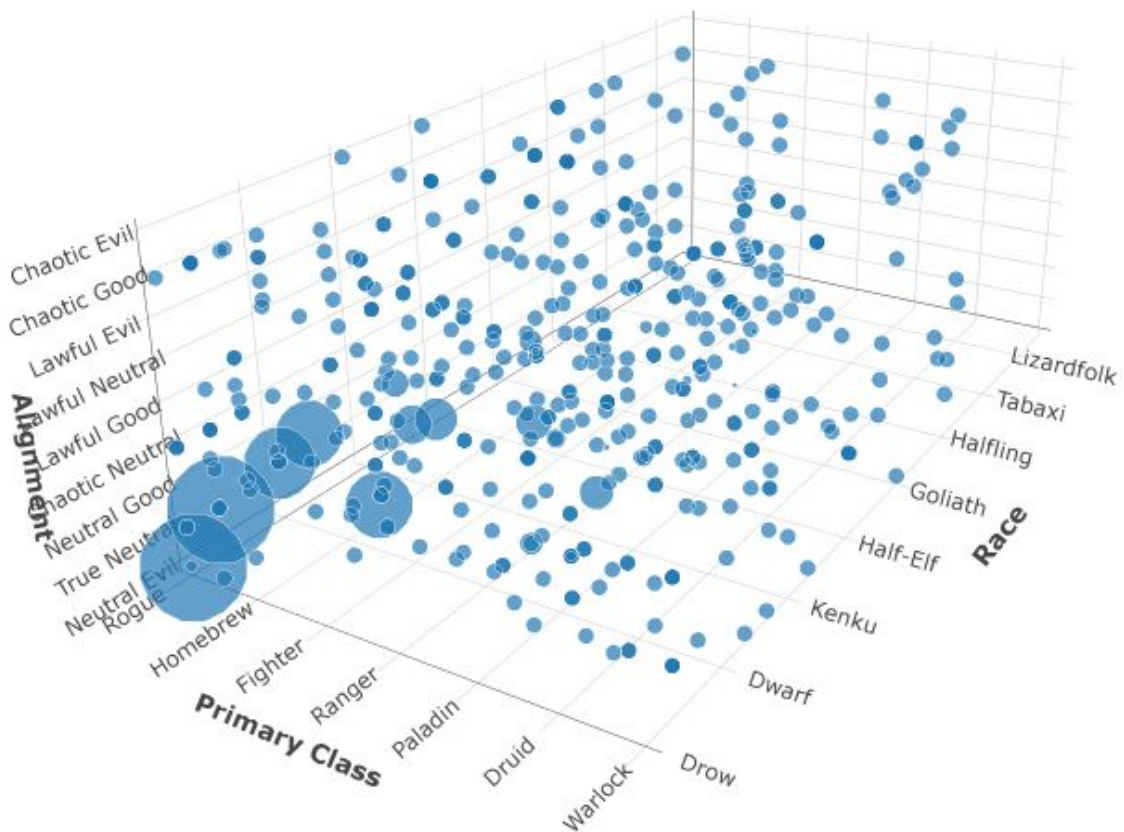CS4770
Ashlea Walker
Area Chart
5/9/2019

Favorite D&D Character Combinations

The data I am using comes from a survey I conducted for my other class, Statistic for the Sciences, that was to explore possible correlations between people who play Dungeons and Dragons and their favorite character they've ever made and played. The survey received 458 responses.

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       The data mapped works best as an interactive 3d chart due to the amount of data being encoded. When initially analyzed, the results from the data suggested that Alignment, Primary Class, and Race were all related to each other and not just a pair (e.g. Race and Primary Class or Primary Class and Alignment). With this kind of plot, one can see the relationships more clearly.

       From the data being mapped, there are clear favorite combinations that shines through all the others. These would be Neutral Evil, Drow Rogues and True Neutral, Tiefling Rogues. Both of these combinations have 66 instances whereas the next runner up, Neutral Good, Human Wizards, only have 41 instances.

       Other insights, besides the obvious, previously stated, can be found when taking a closer look at just two axis and then adding the third axis on top of that information. For example, if you were to just look at the distribution of Race and Alignment, you can clearly see what Alignments are missing the "Full" alignment breadth. Then, moving down and adding the Class axis, you can see what combinations are truly favored and which are not.