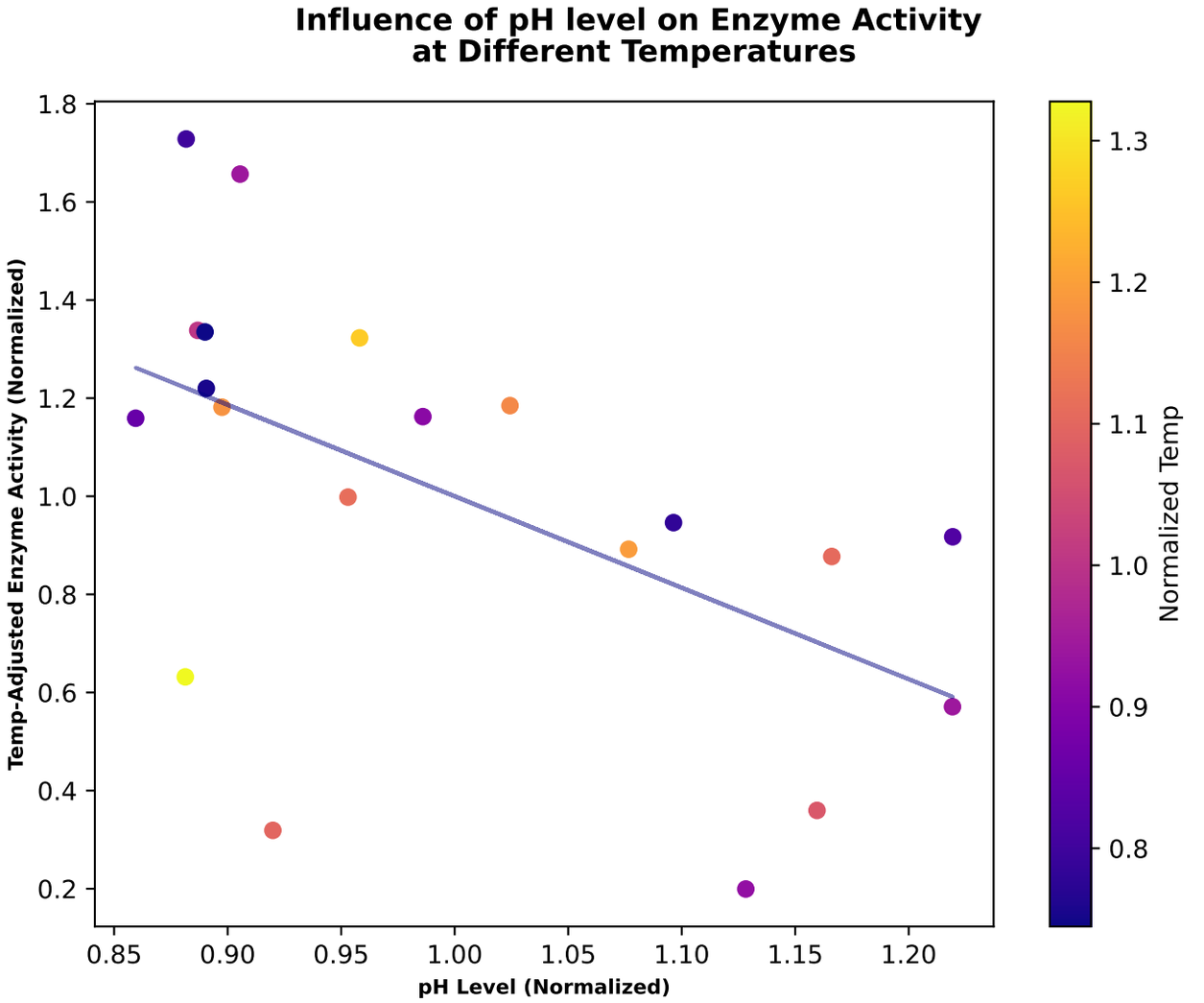
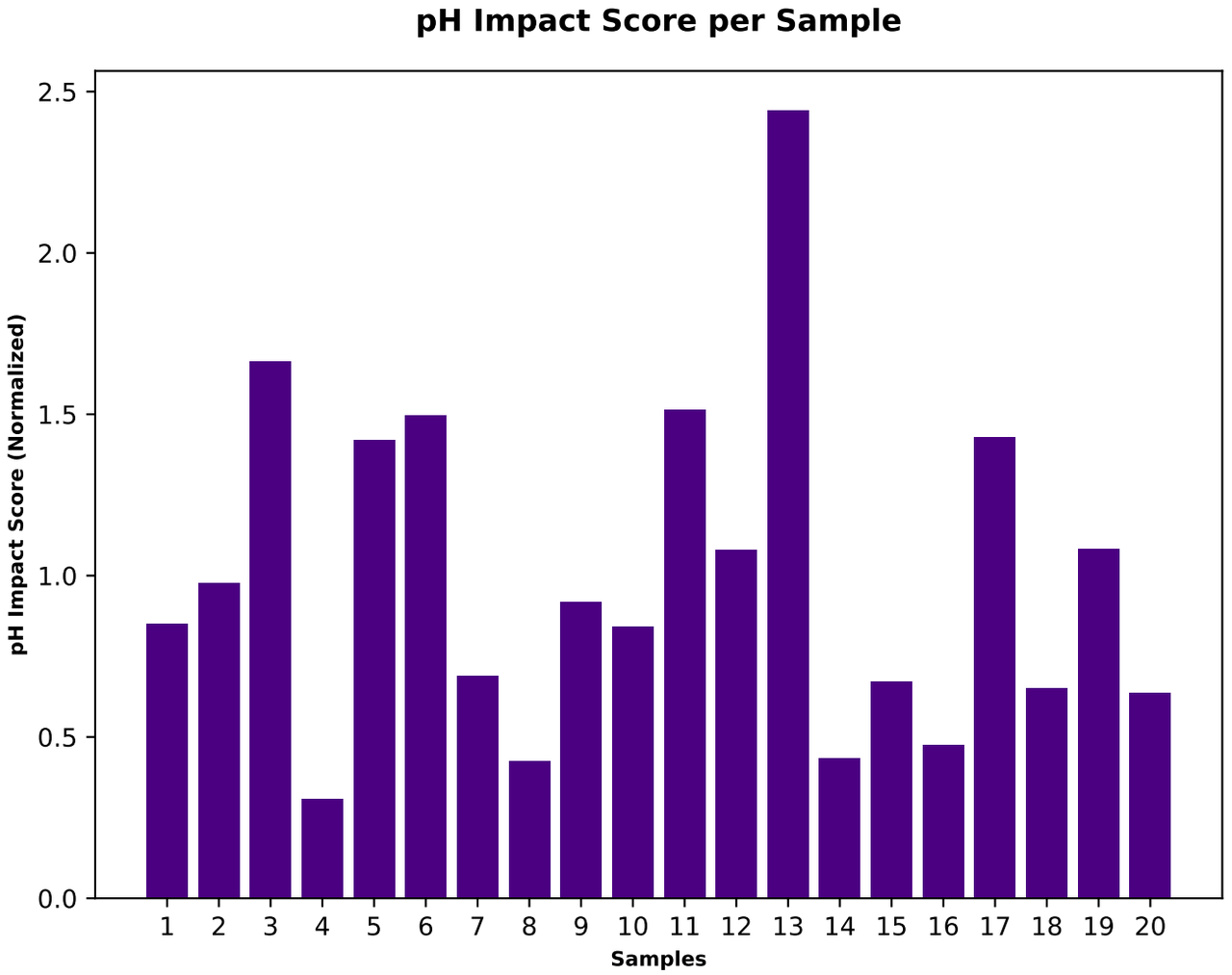
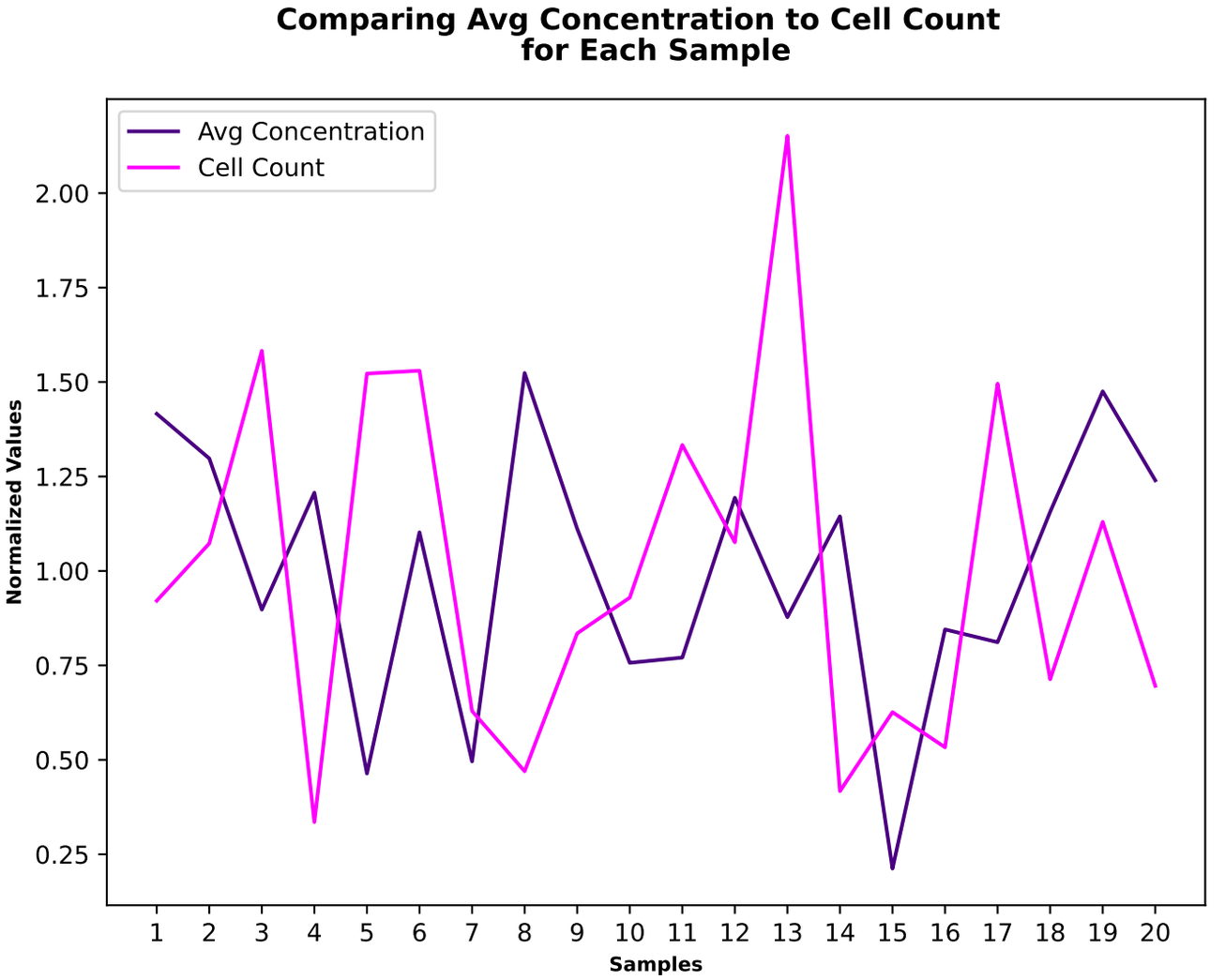


This graph shows the relationship between the pH level of a sample and the Enzyme activity. We used the tempature adjusted Enzyme activity to understand the specific effect of the pH level. We can see in the results that while the tempature is all over the place the pH level has a general negative regression, meaning the Enzyme activity gets lower as the pH level increases.
It is important to note this is not exact since we are using a very general linear regression line but it was added to help visual the general trend in the data.



Here we see the pH impact score on each of the samples.
We can see that there is a wide variation of effect while looking at the full graph.
We can see that on the scope of the full experiemnt there are some samples that are highley effected by the pH level and some that are not.



In this graph we explore the differences in average concentartion and cell count in each sample.
While comparing the two metrics we can see tht in most of the
cases the two metrics act in opposite fashions.
In most of our samples an icrease in the concentration from the previous
example also shows a decrease in the cell count.