

## Interesting things that you can do

### Interactivity:

1. All charts are interactive.
2. Use mouse to hover over the charts to find more information about the values
3. All charts support zoom
4. Histogram charts supports inversion of axis.

### Histogram plot (averages):

1. Find the distribution of average score and post length of the class.
2. Hover over the bars to find the exact value

### Distribution Plot (averages):

1. The distribution plot of average scores and average post length is plotted together.
2. The distribution curve is plotted over the chart.
3. The distribution curve helps us in figuring out how the data is skewed.

### Histogram per Student:

1. This is an interactive tool like visualization
2. You can choose a specific user and see a histogram of the users score distribution.
3. Hover over the bars to find the exact value

### Box plot for comparison:

1. It gives a box plot of the students based on their posts lengths
2. The student names are sorted by the total post lengths they have made.
3. You can add or remove students from the chart by using the legend in the chart.

### Parallel plot:

1. It's a parallel coordinate of the four features, "Total post Length", "Average Post Length", "Average Score", "Average Late hours".
2. The user can draw lines over the parallel coordinates to filter the range of values the want.