| Project <br> Creator: |  | Topic: |  |
| :--- | :--- | :--- | :--- |
| Tester: |  | Date Tested: |  |

## Overall formatting:

- Excel Spreadsheet named: LastName_FirstName_FinalProjData.xls
$\square$ At least Three Clusters, one on each tab.

Tab 1

- Cluster name is on tab

T Title on Spreadsheet

- Columns have Names

Graph and Formulas are easy to find

Tab 2

- Cluster name is on tab
$\square$ Title on Spreadsheet
- Columns have Names

Graph and Formulas are easy to find.

Tab 3

- Cluster name is on tab

Title on Spreadsheet

- Columns have Names

Graph and Formulas are easy to find.

For each of the Three Clusters, check off what you find.

| Probability | Venn Diagram | Counting Principles | 2 Variable | 1 Variable (mean) | 1 Variable (median) | Distribution |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| - Pie Chart <br> - Histogram <br> - Calculate Probability | - 2 or 3 Bubble Venn diagram <br> - Conditional probability | - Permutations <br> - Combinations <br> - Counting | - Scatterplot <br> - Equation <br> - $\mathrm{r}, \mathrm{r}^{\wedge} 2$ | - Histogram created <br> - St Deviation, Mean | - Box and Whisker <br> - Median, Q1, Q3, Min, Max | - Heat Maps <br> - Simulation |
| One of more of the following groups: <br> Pictograph <br> - Two statistics to compare <br> Scale Factor <br> Two Picture Counts Calculated <br> Two Pictographs Created <br> Colours match colour scheme <br> Pie Chart <br> - Statistics for pie chart <br> Pie chart created <br> Legend clear <br> Title on Pie chart <br> Probability calculated <br> Colours match colour scheme <br> Bar Graph <br> - Statistics for bar graph <br> Legend clear <br> Units noted in axis labels <br> Axis labelled <br> Title <br> Probability calculated <br> Colours match colour scheme | Three Bubble Venn: <br> $A, B, C$ Events set up <br> Calculate A, B, C using., <, >= or <= <br> - Calculate $A$ and $B, B$ and C, C and A, All 3 using AND formula <br> - Countif formula to find totals. <br> - Create Venn Diagram shapes in PowerPoint <br> - Colours match colour scheme <br> - Calculate from the middle out <br> - Labels on each bubble in Venn Diagram <br> - Title on Venn Diagram Probability Calculation | Counting Principles <br> (In Powerpoint) Boxes Drawn Numbers in <br> Boxes Work for <br> Calculation <br> Shown <br> - Used Equation Editor <br> - Total Calculation Shown Work has a title Colours match colour scheme | Scatterplot <br> Scatterplot created <br> Line (curve) of best <br> fit added <br> Axis labelled <br> Units added to Axis <br> Graph has a title <br> Colours match <br> colour scheme <br> Formulas <br> - SLOPE used <br> - INTERCEPT used <br> - CORREL used <br> - RSQ used <br> - $2^{\text {nd }}$ Scatterplot created for comparison. | Histogram <br> Bin width <br> calculated <br> Start and End values calculated <br> - COUNTIF used to find values <br> - Histogram created <br> - Axis labelled <br> - Units added to <br> Axis <br> - Graph has a title <br> - Colours match colour scheme <br> Formulas <br> - STDEV.P used <br> - AVERAGE used <br> - MEDIAN used <br> - Probability calculated |  | Graph <br> Calculations <br> done <br> Graph <br> created <br> Axis labelled <br> Units added <br> to Axis <br> Graph has a <br> title <br> Colours <br> match <br> colour <br> scheme <br> - Probability calculated |

