# Tree and Venn Diagram Project.

1. Sample at least 50 individual and gather data for two binary outcome variables. The two variables cannot be disjoint. 1pt.
2. Create a tree diagram for the probabilities of randomly selecting an individual from your sample based on the two binary non-disjoint outcome variables / attributes. 1pt.
3. Create a Venn Diagram for the probabilities of randomly selecting an individual from your sample based on the two binary non-disjoint outcome variables / attributes. 1pt.
4. Calculate all conditional, non-conditional, unions, intersecting and probabilities associated with your two binary variables. (Minimum of 16 probabilities total) 2pts.
5. Create a poster or other visual aid that is pleasing to the eye and school appropriate. 2pts.
6. Present your findings to the class as a group. 3 pts.

1pt.
Proposal: Before beginning this project, you must submit a 1 paragraph proposal and receive approval from the instructor.

Check CANVAS for due dates.