**Data Mining Project**

**Objective:** To provide you the opportunity to gather, analyze, report, and make recommendations based on their ownresearch.

You are employed by a data mining company. Your company has been hired by ABC ISD to help determine if they should establish an online school store to help promote school spirit and offer spirit wear/items to current students, former students, families, etc. You will use the document provided (Data Gathering Tool spreadsheet) to collect information on your fellow classmates. Below is what you will need to complete for this project:

* Collect and record data from at least 80% of your class using the Data Gathering Tool
* Pick at least five pieces of information from this data; this should be data that you think will help determine whether or not the school district should offer an online school store.
* From the information you select, create three charts using any software options you have available to you.
* Based on the charted information, draw at least one conclusion for each chart.
* Based on each of your conclusions, report back to your boss either “yes” or “no” on offering an online spirit store in the district.
* Provide your recommendations to your boss as a report in whatever means determined by your boss (your teacher). You may use any options you have to report your findings.

Please use the rubric below to help guide you for this project. If you have questions, please notify your boss.

Timeline:

* Day 1= Introduction and Explanation of Job
* Day 2= Data Gathering/Input
* Day 3= Data Analysis and Charting
* Day 4= Data Reporting/Recommendations
* Day 5= Present Findings and Make Recommendations