***A picture containing text, clock

Description automatically generated***

This project was supported by the Cybersecurity and IT Pathways grant from the Florida Department of Education through Cyber Florida, project number 291-1231C-2C001, funding authority 84.425C-D CRRSA ACT ESSER II 84.425D & GEER II 84.425C, FAIN#: S425C210052. More information at cyberflorida.org/pathways/

**Chapter Case**

Chapter 9 Introduction to Spreadsheets

The Chapter Case was written for the Florida Public School System DIGITAL INFORMATION TECHNOLOGY (8207310) course. Funded by the Cyber/IT Pathways Program, Cyber Florida, and the Florida Department of Education.

# Chapter 9 Introduction to Spreadsheets

## Sports Tracking Spreadsheet

Kenny needed to take on a volunteer project to help with his future chances of getting a scholarship for college. Most of the college scholarships he was interested in applying for required that he have a minimum number of documented volunteer hours. Thankfully, a local non-profit youth sports management organization had a need to create a spreadsheet which should be designed to help track students who sign up for various youth sports.

Kenny offered to help the organization create the spreadsheet in exchange for documented volunteer hours. The manager of the organization agreed to the project and Kenny was ready to apply his spreadsheet skills.

The spreadsheet required the tracking of the following data:

* Student First Name
* Student Last Name
* Student Age
* Student Grade
* Student School
* Telephone Number
* Sport (Volleyball, Basketball, Softball, Baseball, Soccer, or Football)

## Case Questions

1. Considering the data required in the list above, create a spreadsheet in a spreadsheet application you have access to. Add at least 10 rows of data to your spreadsheet. Once you add all the data to the spreadsheet, what is the average age for all the students? What formula did you use to calculate the average age?
2. Add a chart to the spreadsheet which illustrates the total count of students for each sport. Which sport has the highest number of students? What formula did you use to count the total number of students for each sport?