# Python Project Two

## Functions and Pandas Practice

### Analyze Student Grades

The objective of this assignment is to practice using the Pandas library to read and manipulate data in CSV format using Python. You will create a program that reads a CSV (Grades\_Short.csv) file containing student grades, calculates the average of several columns, and generates new columns based on the calculated values. You will also define a function to determine letter grades based on the final grade, and apply it to generate a new column for letter grades. Finally, you will save the modified data as a new CSV file.

To determine the letter grade

* Final grade greater than 90 is an "A+"
* Final grade greater than 80 is an "A"
* Final grade greater than 70 is a "B"
* Final grade greater than 60 is a "C"
* Final grade greater than 55 is a "D"
* Final grade less than or equal to 55 is an "F"

Please download a copy of the Grades\_Short.csv file, don’t make changes to the version in Teams.