CS 499 Artifact Three Narrative Ryan Santos

The artifact used were SQL scripts that were created in DAD 220 – Introduction to SQL. The goal of the project was to create scripts to complete various tasks that performed create, read, update and delete operations on databases and tables.

I chose this artifact because I believed that I would be able to showcase my ability to create, design, and manage databases. The artifact included different SQL statements that covered everything from basics on creating databases and tables, to advanced queries to extract specific data, so it showed that I have a solid understanding of creating, organizing and managing a database. To improve the artifact, I created a new script that would accomplish most of the same things but with the use of imported data from a csv file and also once all the changes are made, output the changes to an updated csv file. I do believe I hit my mark on meeting the course objectives on my ability to create databases, manipulate data in tables, and extract specific information.

While enhancing and modifying the artifact I did learn a little bit. I noticed that my scripts were not organized very well with comments coming after the statements and with some statements not being formatted correctly for readability. I did change the organization of comments for each statement and also corrected the formatting of the statements to increase the readability of the scripts. I also learned how to use files in a database environment as this was something I had not previously done. I did run into some issues while trying to implement the importing data into the databases and tables and also querying to export data to a file, but I eventually resolved the issues and completed the enhancements.