**Milestone Four Narrative.**

1. Briefly describe the artifact.
   1. What is it?
      1. This artifact is called an Enterprise Data Warehouse (EDW). It is in the star formation diagram, where the individual attribute tables are around the outside, and join up in the middle via a Fact table which links the attributes into granular events or transactions. It also consists of crosswalk tables and support tables.
   2. When was it created?
      1. It was created by myself on 4/4/2020
2. Justify the inclusion of the artifact in your ePortfolio.
   1. Why did you select this item?
      1. The reason why selected this item was that it demonstrates my ability to create a data warehouse that would span an organization, gathering data from different sources and silos, and normalizing into one central database for corporate and executive usage.
   2. What specific components of the artifact showcase your skills and abilities in software development?
      1. From a software development perspective, this demonstrates my abilities to analyze, design and build an artifact that works together to be able to report holistic data in many forms from reports to data marts.
   3. How was the artifact improved?
      1. The original artifact was a collection of tables using referential integrity and cross-walk tables in a normal database Entity Relationship Diagram (ERD). By adding the Fact table, this allowed the tables to be link to event and transactions, and those records be at a granular level low enough that the data can be rolled up into reporting that may occur against that Fact table.
3. Did you meet the course objectives you planned to meet with this enhancement in Module One? Do you have any updates to your outcome-coverage plans?
   1. I feel that I met the objectives that I set myself in Module One. It wasn’t supposed to be a large effort. It was to demonstrate that I understand the concepts and know how to construct the EDW.
4. Reflect on the process of enhancing and/or modifying the artifact. What did you learn as you were creating it and improving it? What challenges did you face?
   1. It wasn’t too much effort on my part as I am very well versed in the EDW concept due to my past professional work experience. I am very aware that EDW knowledge and development skills are highly sought after in today’s industries.