

Enhancement Three: Databases

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Artifact Selection

The artifact I chose for the databases portion of the project was the Bubba Gump Shrimp excel spreadsheet from DAT 220 Data Mining course. Originally, I had plans to download data mining software and redo some of the charts and analysis in another program to show and prove knowledge. As of now I have chosen to take a new direction and create a SQL database containing the customer information from the spreadsheet. This will be a new artifact that I am creating with the spreadsheet which was obtained in April of 2019.

Inclusion and Justification

The artifact was selected to showcase skills currently asked for within the industry as a SQL Developer or a Data Analyst. The components I wanted to reflect for this enhancement were storing, manipulating, and accessing data. The code will show my knowledge of relational database management. I will be building a SQL database from scratch retrieving customer information with various SQL statements.

Outcome and Objectives

For the outcomes and objectives, I have updated the original plan due to difficulties accessing certain software for the original plan. I feel the main components of what needs to be done will be displayed within the database as described.

Reflection

The challenges I face with part of the enhancement was first accessing the spreadsheet from the course and making the switch to completely change the plan due to software complications. For this week I need to build the database and show retrieval of the data. I believe this will be a much smoother process for the enhancement overall.

