Name: Matthew Coffey

Date: Mar 05, 2025

Course: IT FDN 130 A

Assignment 06 – Write SQL Code and Document Your Knowledge

Introduction

In this assignment, I was tasked with creating some SQL code to query data and to answer the following questions:

1. *Explain when you would use a SQL View.*
2. *Explain are the differences and similarities between a View, Function, and Stored Procedure.*

 This document will expound on my logic for the first and answer the second.

Coding Assignment - Reflections

I was asked to write code to query data from a database in successively more complicated queries using views. I liked the way things built on each other but struggled a bit with the last problem. I initially tried to do the assignment Sunday but ran into some issues I wanted to solve in the Q&A, which didn't happen. Fortunately, I figured out that it was syntax issues with how I was trying to run snippets of code.

Assignment Question – Explain when you would use a SQL View.

I'd use Views either for queries I want to re-run with some frequency or that I'd want to provide to other users that I don't want poking around in the database./

Assignment Question – Explain are the differences and similarities between a View, Function, and Stored Procedure.

- Views
    - o Views are pre-stored queries that will present a view of information from the database.
- Function
    - o Functions perform manipulation of data
- Stored Procedure

- Stored procedures are essentially named functions that you call instead of writing out the function in an individual quety.