SQL Advanced Queries Project - Instructions for Submission

Objective: This project aims to apply your knowledge of Advanced SQL concepts. You will be creating stored procedures, functions, views, triggers, indexes and column encryption

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P4 will involve following tasks in the pdf format, you can either submit a pdf version of all scripts, or another recommended way would be to create a github repository, add all the members from your team as collaborators/contributors. Make a folder for P4 and add all the sql scripts in that folder, submit the link of your public repository in a pdf format :-

1. **Create 3 Stored Procedures :-** For your project create three stored procedures and emphasize how or why they would be used

2. **Create 3 functions :-** For your project create three functions and emphasize how or why they would be used

3. **Create 3 views :-** For your project create three views for any 3 tables

4. **Create 1 Trigger** :- For your project create one Trigger associated with any type of action between the referenced tables(primary-foreign key relationship tables)

5. **Implement 1 Column Encryption** :- For any 1 column in your table, implement the column encryption for security purposes

6. **Create 3 non-clustered indexes** :- create 3 non-clustered indexes on your tables.

Late Submissions :- Will not be accepted.
Due date :- 8th November 2024