

**Group Number:** Group 6

**Team Members:** Saketh Sai Mallepaddi, Kshitij Prabhu, Manav Hirey, Chaitrali Vilas Katkar, Durgesh Shantaprasad Sakhardande

**Topic:** Retail Management System

**GitHub Link:** [https://github.com/saketh-m/DAMG6210\\_Project\\_Group6](https://github.com/saketh-m/DAMG6210_Project_Group6)

**What's Included:**

| Object Type                        | Quantity or Yes/No | Comments   |
|------------------------------------|--------------------|--|
| Tables                             | 26                 |  |
| Views                              | 3                  | CustomerInformation,<br>DepartmentStoreInformation,<br>ProductSalesInformation |
| Table Level Check Constraint       | 3                  | CHK_ValidJoiningDate,<br>CHK_ValidEmployeeAge,<br>CHK_ValidDeliveryTime        |
| Computed Column based on UDF       | 1                  | Customer[Age]  |
| Non-Clustered Indexes              | 3                  | IX_ProductName,<br>IX_JoiningDate,<br>IX_EstimatedDate                         |
| Stored Procedures                  | 3                  | GetCustomerInfoByID,<br>InsertNewProduct,<br>UpdateEmployeeInfo                |
| User Defined Functions (UDF)       | 1                  | CalculateAge   |
| DML Triggers                       | 2                  | CustomerHistoryTrigger,<br>UpdateLastModifiedDate                              |
| Column Data Encryption             | 1                  | EBILL[customer_email]  |
| BI Data Visualization              | Yes                |  |
| GUI for CRUD Operations (optional) | No                 |  |
| Other                              |                    |  |