Assessment-2

Total Hours: 3Hrs

1. Create a customer table with the following columns and load 10 unique rows
   * 1. Cutsid primary key
     2. First\_name not null
     3. Last name not null
     4. City not null
     5. Country
     6. Age
     7. Contact
2. Add the following column to the above table
   * 1. Gender
     2. Email
3. Update the age column in customer take with CHECK constrains
   * 1. Age should be greater than 18 and less than 100
4. Create a transaction\_tbl with the following columns and load 10 unique records
   * 1. Trans\_id primary key
     2. Custid foreign key
     3. Product name
     4. Amount
     5. Paid by
     6. Trans\_date
5. Generate the report to get sum of amount transacted for each products
6. Generate the report to get the min and max transacted amount in each day (Load a records for different days , 10 records for today and 5 records for yesterday and 5 records for days before yesterday’s date)
7. Generate the report with 10% discount if the payment done by credit card and 5% discount if it is through debit card and 2% for all other payment type(such as cash, coupon)
8. Create a table with the following constrains, and try to load records for each case (SUCCESS scenario’s and failure scenario’s)
   * 1. UNIQUE
     2. NOT NULL
     3. PRIMARY KEY
     4. FOREIGN KEY
     5. CHECK
     6. DEFAULT