**Code Assignment Testing Documentation**

**Count Check: -**

Customer Base File Record count: - 5674

Customer BaseTable count in Azure SQL Server: -5674

select count(\*) from CustomerBase\_1;---5674

Card Base File Record count: - 500

Card BaseTable count in Azure SQL Server: - 500

select count(\*) from CardBase\_1;---500

Transactions File Record count: -10000

Transactions Table count in Azure SQL Server: -10000

select count(\*) from  TransactionBase\_1;---10000

**Table Data Validation: -**

**CardBase Table:-**

Validating card number, card family and cust\_id columns length

select distinct len(Card\_Number) as Len\_Card\_Number ,LEN(Card\_Family) as len\_Card\_Family

,Card\_Family,len(Cust\_ID) as len\_cust\_id  from CardBase\_1;

Table

Description automatically generated

Standard Card Number and cust\_id leghts are 19 characters and 7 characters respectively.

Hence No record overlapping occurred

**Customer Base Table: -**

Validating cust\_id, age, customer\_segment and customer\_vintage\_group

  select distinct len(Cust\_ID) len\_cust\_id,len(age) len\_age ,len(customer\_segment) len\_customer\_segment,customer\_segment,len(Customer\_Vintage\_Group) len\_Customer\_Vintage\_Group

  from CustomerBase\_1;

Graphical user interface, text, application, email

Description automatically generated

Standard cust\_id,age and customer\_vintage\_group are 7,2,3 character respectively

**Transactions Table:-**

Validation transaction\_id,credit\_card and transaction\_segment

select distinct LEN(Transaction\_ID) len\_Transaction\_id

,LEN(Credit\_Card\_ID) len\_credit\_card,LEN(Transaction\_Segment) len\_transaction\_segment

 from TransactionBase\_1;

Graphical user interface, text, application, email

Description automatically generated

Transaction\_id ,credit\_card and transaction\_segment standard lengths are 12,19 and 5 Respectively.