Group Number: 4

Topic: Blue Bikes Database System

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GitHub Link: https://github.com/VinayKumarGudooru/BlueBike_DMDD_Group4

Documentation Link: https://codelabs-preview.appspot.com/?file_id=1t_ijLBtWP5A_BNETr3BXOmz3OXgmB7L5umSoBzriHwI#2

What's Included:

Object Type	Quantity or Yes/No	Comments
Tables	14	Added additional table for trigger-Customer Log
Views	3	
Table Level Check Constraint	14	
Computed Column based on UDF	3	
Non-Clustered Indexes	3	
Stored Procedures	8	1 Stored Procedure with Try Catch
User Defined Functions (UDF)	3	
DML Triggers	1	
Column Data Encryption	6	Tables: Customer, Card Payment, Bank Account Payment
BI Data Visualization	Yes	Link
GUI for CRUD Operations (optional)	Yes	Did all CRUD Operations, Screenshots attached here
Other		Implemented Concurrency Controls, Try Catch Exception using Transaction, GUI