Shell Code:

gcloud cloud-shell ssh

gcloud config set project original-bot-323017

gcloud auth login

gcloud sql connect dbms21-finalproject-instance --user=root

MySQL Code:

CREATE DATABASE InsuranceData;

SHOW DATABASES;

USE InsuranceData;

CREATE TABLE Account

(AccountAdminID VARCHAR(255) PRIMARY KEY,

AccountName1 VARCHAR(255),

AccountName2 VARCHAR(255),

LocationAddress1 VARCHAR(255),

LocationAddress2 VARCHAR(255),

LocationZip INT,

LocationCity VARCHAR(255),

LocationState VARCHAR(255),

RelationshipType VARCHAR(255),

RelationshipWith VARCHAR(255),

CompanyCode VARCHAR(6),

INDEX AccountIndex(AccountAdminID, CompanyCode)

);

Confirm creation:

SHOW TABLES;

CREATE TABLE Associate

(AssocFirstName VARCHAR(255),

AssocMidInitial VARCHAR(255),

AssocLastName VARCHAR(255),

AssocSuffix VARCHAR(255),

WritingNumber INT,

InsuranceLicense INT PRIMARY KEY,

AssocDOB DATE,

AssocStartDate DATE,

TenureDate DATE,

Type VARCHAR(255),

GeoCode INT,

INDEX AssociateIndex(InsuranceLicense)

);

CREATE TABLE AccountAdmin

(AdminFirstName VARCHAR(255),

AdminMidInitial VARCHAR(255),

AdminLastName VARCHAR(255),

AdminSuffix VARCHAR(255),

AdminDOB DATE,

AdminAddress1 VARCHAR(255),

AdminAddress2 VARCHAR(255),

AdminZip INT,

AdminCity VARCHAR(255),

AdminState VARCHAR(255),

AccountAdminID VARCHAR(255) PRIMARY KEY,

INDEX AccountAdminIndex(AccountAdminID)

);

CREATE TABLE BillingAccount

(BAcctName VARCHAR(255) PRIMARY KEY,

BAcctName2 VARCHAR(255),

BillingAddress1 VARCHAR(255),

BillingAddress2 VARCHAR(255),

BillingState VARCHAR(255),

BillingCity VARCHAR(255),

BillingZip INT,

INDEX BillingIndex(BAcctName, BillingAddress1)

);

CREATE TABLE Claim

(ContractNumber VARCHAR(7),

ClaimNumber VARCHAR(9) PRIMARY KEY,

SettlementDate DATE,

WellnessElegibiltyDate DATE,

INDEX ClaimIndex(ContractNumber, ClaimNumber)

);

CREATE TABLE Contract

(SeriesName INT,

ContractNumber VARCHAR(7) PRIMARY KEY,

ActivityStatusDate DATE,

CoverageType VARCHAR(255),

ActivityStatus VARCHAR(255),

BillingMethod VARCHAR(255),

PlanName VARCHAR(255),

LineOfBusiness VARCHAR(255),

CustomerSSN\_TIN VARCHAR(11),

INDEX ContractIndex(ContractNumber, CustomerSSN\_TIN)

);

CREATE TABLE ContractBenefit

(ContractNumber VARCHAR(7) PRIMARY KEY,

PolicyCountContribution VARCHAR(11)

);

CREATE TABLE ContractPremium

(ContractNumber VARCHAR(7) PRIMARY KEY,

PremiumCode INT,

RiderName VARCHAR(255),

AnnualizedPremium FLOAT,

ProcessDate DATE,

AppSignDate DATE

);

CREATE TABLE Customer

(CustFirstName VARCHAR(255),

CustMidInitial VARCHAR(255),

CustLastName VARCHAR(255),

CustSuffix VARCHAR(255),

CustDOB DATE,

SSN\_TIN VARCHAR(11) PRIMARY KEY,

CustLegacyID VARCHAR(13),

StartDate DATE,

EndDate DATE,

StreetAddress VARCHAR(255),

ZipCode INT,

City VARCHAR(255),

State VARCHAR(255),

CompanyCode VARCHAR(6),

RelationToCustomer VARCHAR(255),

INDEX CustomerIndex(CompanyCode, SSN\_TIN)

);

CREATE TABLE Invoice

(BAcctName VARCHAR(255),

InvoiceNumber VARCHAR(11) PRIMARY KEY,

DueDate DATE,

PaidDate DATE,

RunDate DATE,

InvoiceLineNumber INT,

PremiumSubTotal FLOAT,

INDEX InvoiceIndex(BAcctName, InvoiceNumber)

);

CREATE TABLE ManagerContract

(CompanyCode VARCHAR(6),

WritingNumber INT,

SitCode INT PRIMARY KEY

);

CREATE TABLE ProductSeries

(CompanyCode VARCHAR(6) PRIMARY KEY,

ProductSeriesName VARCHAR(4),

Description VARCHAR(255)

);

CREATE TABLE Region

(RegionName VARCHAR(255),

GeoCode INT PRIMARY KEY

);

CREATE TABLE AHPolicy(

);

CREATE TABLE LifePolicy(

ContractNumber VARCHAR(7) PRIMARY KEY,

InvestmentCode VARCHAR(6),

CashValue FLOAT,

Mortality INT,

INDEX LifePolicyIndex(ContractNumber, InvestmentCode)

);

CREATE TABLE LifePremium(

ContractNumber VARCHAR(7) PRIMARY KEY,

PMR\_A\_Life\_Fields VARCHAR(255),

PMR\_B\_Life\_Fields VARCHAR(255),

PMR\_P\_Life\_Fields VARCHAR(255),

PMR\_W\_Life\_Fields VARCHAR(255)

);

CREATE TABLE AHPremium(

ContractNumber VARCHAR(7) PRIMARY KEY,

PMR\_P\_AH\_Fields VARCHAR(255)

);

CREATE TABLE CustomerInfo(

SSN\_TIN VARCHAR(11) PRIMARY KEY,

CustDOB DATE,

CustState VARCHAR(255),

CustVaxStatus INT,

CustSmoke INT

);

CREATE TABLE Covid(

State VARCHAR(255) PRIMARY KEY,

Cases INT,

Deaths INT,

Vaccines INT

);