Mini Project (group) – Harshita Ahuja

**Questions 1: Create tables**

CREATE TABLE CLAIMS(

Claim\_ID\_Number VARCHAR(100) NOT NULL PRIMARY KEY,

Claim\_Receipt\_DATE DATE NOT NULL,

Claim\_Description VARCHAR(255),

Claimant\_Birth\_DATE DATE NOT NULL,

Law\_Suit\_Indicator VARCHAR(10),

Claimant\_First\_Name VARCHAR(255) NOT NULL,

Claimant\_Last\_Name VARCHAR(255) NOT NULL,

Policy\_Number VARCHAR(50),

Claimant\_Occupation VARCHAR(255),

Loss\_DATE DATE NOT NULL,

Claim\_Amount INT,

Claim\_Paid\_Amount INT,

Claim\_Paid\_DATE DATE null)

​

CREATE TABLE CUSTOMERS(

Customer\_ID\_Number VARCHAR(50) PRIMARY KEY,

Customer\_First\_Name VARCHAR(100) NOT NULL,

Customer\_Last\_Name VARCHAR(100) NOT NULL,

Customer\_Type VARCHAR(100),

Business\_Name VARCHAR (255),

Address\_Street\_Name\_Line\_One VARCHAR(255) NOT NULL,

Address\_Street\_Name\_Line\_Two VARCHAR(255),

Address\_City VARCHAR(255) NOT NULL,

Address\_State VARCHAR(255) NOT NULL,

Address\_Postal\_Code CHAR(5) NOT NULL,

Address\_Type VARCHAR(255),

Customer\_Birth\_DATE DATE,

Risk\_Score INT);

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CREATE TABLE POLICYDETAILS(

Policy\_Number CHAR(255),

Policy\_Effective\_DATE DATE NOT NULL,

Policy\_Expiration\_DATE DATE NOT NULL,

Policy\_Limit INT NOT NULL,

Policy\_Type VARCHAR(50) NOT NULL,

Currency\_Type VARCHAR(10) NOT NULL,

Premium\_Cost INT,

Customer\_ID\_Number INT);

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CREATE TABLE RESERVES(

Customer\_ID\_Number INT,

Policy\_Number VARCHAR(255),

Reserved\_Amount INT NOT NULL,

Reserved\_Date DATE NOT NULL);

**Question 2: Populating the data**

COPY CLAIMS(

Claim\_ID\_Number,

Claim\_Receipt\_Date,

Claim\_Description,

Claimant\_Birth\_DATE,

Law\_Suit\_Indicator,

Claimant\_First\_Name,

Claimant\_First\_Name,

Policy\_Number,

Claimant\_Occupation,

Loss\_DATE,

Claim\_Amount,

Claim\_Paid\_Amount,

Claim\_Paid\_DATE)

from 'Users/Shared/Insurance\_Sample Data.csv'

delimiter ',' CSV header

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COPY RESERVES(

Policy\_Number,

Reserved\_Amount,

Reserved\_Date)

from 'Users/Shared/Insurance\_Reserves.csv'

delimiter ',' CSV header

**Question 3: Form any 5 SQL to extract information from tables**

SELECT \* FROM CUSTOMERS

WHERE Risk\_Score>40;

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SELECT Customer\_ID\_Number,Reserved\_Date

FROM RESERVES

WHERE Reserved\_Date = '3/15/2020';

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SELECT COUNT(Policy\_Type) FROM POLICYDETAILS

WHERE Policy\_Type='Property';

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SELECT \* FROM CUSTOMERS

WHERE Customer\_Type='Individual';

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SELECT SUM(Claim\_Paid\_Amount)

FROM CLAIMS

WHERE Claimant\_First\_Name='Aditya'