--Quantum Analytics Project on PostgreSQL

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--1. How many payment transactions were greater than $5.00?

--2. How many actors have a first name that starts with the letter P?

--3. How many unique districts are our customers from?

--4. Retrieve the list of names for those distinct districts from the previous question.

--5. How many films have the word Truman somewhere in the title?

--6. Create a table to organize our potential leads! We will have the following information:

--A customer's first name, last name, email, sign-up date, and number of minutes spent on the dvd

--rental site. You should also have some sort of id tracker for them. You have free reign on how you

--want to create this table.

--1. How many payment transactions were greater than $5.00?

Select count(amount) from payment

where amount > 5.00;

--2. How many actors have a first name that starts with the letter P?

Select count(first\_name) from actor

where (first\_name) ilike 'P%';

--Answer is 5.

--3. How many unique districts are our customers from?

select count (distinct district) from address;

--Answer is 378.

--4. Retrieve the list of names for those distinct districts from the previous question.

select distinct district from address;

--5. How many films have the word Truman somewhere in the title?

Select count(title) from film

where title ilike '%Truman%'

--Answer is 5.

--6. Create a table to organize our potential leads! We will have the following information:

--A customer's first name, last name, email,sign-up date, and number of minutes spent on the dvd

--rental site. You should also have some sort of id tracker for them. You have free reign on how you

--wantto create this table.

Create Table Potential\_Leads (

Customer\_id INT Primary key,

First\_name Varchar not null,

Last\_name Varchar not null,

Email varchar unique not null,

Sign\_up\_date varchar not null,

Number\_of\_Minutes\_spent\_on\_Rental\_site INT not null);

Select \* from potential\_leads;

Insert into potential\_leads (Customer\_id, First\_name, Last\_name, Email, Sign\_up\_date, number\_of\_minutes\_spent\_on\_Rental\_site)

Values

('001', 'James', 'Jackson', 'JJwise@gmail.com', '12/07/2021','40'),

('002', 'Maria', 'Simon', 'marias@gmail.com', '23/03/2022', '120');

Select \* from potential\_leads;

--Fill in the rest of the data directly on the table