QUANTUM ANALYTICS-----PostgreSQL Assignments: Mr.UBONG JOSEPH

(1) How many payment transactions were greater than $5.00?

SELECT \* FROM PAYMENT;

SELECT payment\_id, amount from Payment

where amount > 5;

(2) How many actors have a first name that starts with the letter P?

SELECT COUNT(\*) FROM actor

where first\_name like 'P%';

(3) How many unique districts are our customers from?

SELECT count(\*) DISTRICT from ADDRESS;

(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 LIKE '%Truman%';

select TITLE from FILM

where title LIKE '%Truman%';

(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.

SOLUTION

CREATE TABLE customer\_leads(

user\_id SERIAL PRIMARY KEY,

first\_name VARCHAR(20)

NOT NULL,

last\_name VARCHAR(20)NOT NULL,

Email VARCHAR(100) UNIQUE NOT NULL,

Minutes integer

NOT NULL,

Sign\_up\_date TIMESTAMP NOT NULL);