**Insights2 Global Data Source Data SQL Script**

Use Master

go

Create Database Adv\_SQL

go

Use Adv\_SQL

go

create table continent\_master

(ContinentID Varchar(15) Primary Key,

Name\_of\_Continent Varchar(20),

Continent\_Amount\_Allocated Int

);

go

create table country\_master

(ContinentID Varchar(15) references continent\_master,

CountryID Varchar(15) Primary Key,

Name\_of\_Country Varchar(50),

Country\_Amount\_Allocated Int

);

go

create table transactions

(TrID Varchar(10),

CountryID Varchar(15) References country\_master,

Name\_of\_City Varchar(40),

Amount\_Spent Int

);

go

Insert into continent\_master values('Con1', 'Asia', 50000);

Insert into continent\_master values('Con2', 'Africa', 30000);

Insert into continent\_master values('Con3', 'Europe', 80000);

Insert into continent\_master values('Con4', 'Australia', 85000);

Insert into continent\_master values('Con5', 'Americas', 90000);

go

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Insert into country\_master values('Con1','Cu1','India',10000);

Insert into country\_master values('Con1','Cu2','China',20000);

Insert into country\_master values('Con1','Cu3','UAE',15000);

Insert into country\_master values('Con2','Cu4','Sudan',15000);

Insert into country\_master values('Con2','Cu5','Kenya',15000);

Insert into country\_master values('Con3','Cu6','France',20000);

Insert into country\_master values('Con3','Cu7','Germany',20000);

Insert into country\_master values('Con3','Cu8','Italy',20000);

Insert into country\_master values('Con4','Cu9','Australia', 12000);

Insert into country\_master values('Con4','Cu10','New Zealand', 9000);

Insert into country\_master values('Con5','Cu11','USA', 50000);

Insert into country\_master values('Con5','Cu12','Canada', 35000);

Insert into country\_master values('Con5','Cu13','Brazil', 20000);

Insert into country\_master values('Con5','Cu14','Argentina', 15000);

go

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Insert into Transactions values('T1', 'Cu1','Mumbai',200);

Insert into Transactions values('T2', 'Cu1','Mumbai',150);

Insert into Transactions values('T3', 'Cu1','Delhi',50);

Insert into Transactions values('T4', 'Cu1','Delhi',70);

Insert into Transactions values('T5','Cu2','Beijing',300);

Insert into Transactions values('T6','Cu2','Beijing',200);

Insert into Transactions values('T7','Cu2','Shanghai',700);

Insert into Transactions values('T8','Cu2','Shanghai',900);

Insert into Transactions values('T9', 'Cu3','Dubai',1000);

Insert into Transactions values('T10', 'Cu3','Dubai',1500);

Insert into Transactions values('T11', 'Cu3','Abu Dhabi',800);

Insert into Transactions values('T12', 'Cu3','Abu Dhabi',600);

Insert into Transactions values('T13','Cu4','Khartoum',80);

Insert into Transactions values('T14','Cu4','Khartoum',20);

Insert into Transactions values('T15','Cu4','Kassala',50);

Insert into Transactions values('T16','Cu4','Kassala',10);

Insert into Transactions values('T17','Cu5','Nairobi',90);

Insert into Transactions values('T18','Cu5','Nairobi',70);

Insert into Transactions values('T19','Cu5','Mombasa', 300);

Insert into Transactions values('T20','Cu5','Mombasa', 2000);

Insert into Transactions values('T21','Cu6','Paris', 900);

Insert into Transactions values('T22','Cu6','Paris', 1100);

Insert into Transactions values('T23','Cu6','Lyon', 2100);

Insert into Transactions values('T24','Cu6','Lyon', 200);

Insert into Transactions values('T25','Cu7','Berlin', 500);

Insert into Transactions values('T26','Cu7','Berlin', 700);

Insert into Transactions values('T27','Cu7','Munich', 1500);

Insert into Transactions values('T28','Cu7','Munich', 1700);

Insert into Transactions values('T29','Cu8','Rome', 3000);

Insert into Transactions values('T30','Cu8','Rome', 2000);

Insert into Transactions values('T31','Cu8','Milan', 500);

Insert into Transactions values('T32','Cu8','Milan', 800);

Insert into Transactions values('T33','Cu9','Sydney', 2800);

Insert into Transactions values('T34','Cu9','Sydney', 3100);

Insert into Transactions values('T35','Cu9','Melbourne', 1400);

Insert into Transactions values('T36','Cu9','Melbourne', 2400);

Insert into Transactions values('T37','Cu10','Auckland', 600);

Insert into Transactions values('T38','Cu10','Auckland', 800);

Insert into Transactions values('T39','Cu10','Wellington', 2100);

Insert into Transactions values('T40','Cu10','Wellington', 2700);

Insert into Transactions values('T41','Cu11','Sand City', 5000);

Insert into Transactions values('T42','Cu11','Sand City', 6000);

Insert into Transactions values('T43','Cu11','Dublin', 2000);

Insert into Transactions values('T44','Cu11','Dublin', 1000);

Insert into Transactions values('T45','Cu12','Toronto', 2200);

Insert into Transactions values('T46','Cu12','Toronto', 3300);

Insert into Transactions values('T47','Cu12','Ottawa', 2100);

Insert into Transactions values('T48','Cu12','Ottawa', 1300);

Insert into Transactions values('T49','Cu13','Sao Paulo', 900);

Insert into Transactions values('T50','Cu13','Sao Paulo', 400);

Insert into Transactions values('T51','Cu13','Rio de Janeiro', 700);

Insert into Transactions values('T52','Cu13','Rio de Janeiro', 800);

Insert into Transactions values('T53','Cu14','Buenos Aires', 200);

Insert into Transactions values('T54','Cu14','Buenos Aires', 400);

Insert into Transactions values('T55','Cu14','Rosario', 2300);

Insert into Transactions values('T56','Cu14','Rosario', 4400);

go

**Source Select Statement in PBI is as follows:**

Select tr.trID,

con.Name\_Of\_Continent,

cou.Name\_of\_Country,

tr.Name\_of\_City,

con.Continent\_Amount\_Allocated,

cou.Country\_Amount\_Allocated,

tr.Amount\_Spent

from continent\_master as con Join country\_master as cou

on con.ContinentID = cou.ContinentID

Join transactions tr

on cou.CountryID = tr.CountryID;