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BADM 3802

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## **Billing and Sales Analysis for Wellington Global Marketplace**

This is my first project that I coded in SAS. I coded this as an assignment for Data and Text Mining; an undergraduate course held at the University of Connecticut. I was instructed to create two tables consisting of the sum of sales and the billing amount from the fifty products sold within the 51 states that were observed, including the District of Columbia respectively. The observations from these tables were extracted from collected data of the Wellington Global Marketplace. When recently collected data shows a lower amount of billing and sales than predicted, research is done within the company to determine appropriate protocol. As such, my professor instructed the class and I to compute the billing amount of each sale per state in USD, the billing amount of all sales per state in USD and the total quantity of sales per state. These calculations will allow an analyzer to investigate the success of the state. For example, if one particular state had a low quantity of sales and a low sum of billing, these calculations would determine which states had these numbers. Once the states had been identified, business strategies would be developed to increase the number of sales and amount of billing within that state.

*\*Before analyzing the code below; one important formula to be cognizant of is that the billing amount was calculated by:*

*The price of the product\* quantity of product purchased \* (1-discount rate of the sale) \* (1+tax rate by state).*

**Below is the analyzed code:**

```
proc import datafile = '\\msfs-03.grove.ad.uconn.edu\home\stg19003\Desktop\Wellington Global
Marketplace.xlsx'
  out = Products
  dbms = xlsx
  replace
  ;
  sheet = "Products";
run;
```

```
proc import datafile = '\\msfs-03.grove.ad.uconn.edu\home\stg19003\Desktop\Wellington
Global Marketplace.xlsx'
out = Customers
dbms = xlsx
replace
;
sheet = "Customers";
run;
```

```
proc import datafile = '\\msfs-03.grove.ad.uconn.edu\home\stg19003\Desktop\Wellington
Global Marketplace.xlsx'
out = Sales_Tax_By_State
dbms = xlsx
replace
;
sheet = "Sales_Tax_By_State";
run;
```

```
proc import datafile = '\\msfs-03.grove.ad.uconn.edu\home\stg19003\Desktop\Wellington
Global Marketplace.xlsx'
out = Sales_2014
dbms = xlsx
replace
;
sheet = "Sales_2014";
run;
```

```
proc import datafile = '\\msfs-03.grove.ad.uconn.edu\home\stg19003\Desktop\Wellington
Global Marketplace.xlsx'
out = Departments
dbms = xlsx
replace
;
sheet = "Departments";
run;
```

```
proc import datafile = '\\msfs-03.grove.ad.uconn.edu\home\stg19003\Desktop\Wellington
Global Marketplace.xlsx'
out = Employee_Master
dbms = xlsx
replace
;
sheet = "Employee_Master";
```

```
run;
```

```
proc sql;  
  create table Work.DStates as  
  Select A.STID, A.State, A.State_CD, A.State_Tax_Rate,  
    B.Customer_Name,B.Cust_ID, B.State  
  From Work.Sales_tax_by_state A  
  Join Work.Customers B  
  On A.STID = B.State  
;  
quit;
```

```
proc sql;  
  create table Work.DProducts as  
  Select A.sale_id, A.product_id, A.date, A.discount,A.Quantity, A.Customer_ID,  
    B.ProdName,B.CostIn, B.PriceOut, B.eff, B.exp, B.prodID  
  From Work.Sales_2014 A  
  Join Work.Products B  
  On B.prodID = A.product_id  
  And A.date >= B.eff  
  And A.date <= B.exp  
;  
quit;
```

```
proc sql;  
  create table Work.CALL as  
  Select A.STID, A.State, A.State_CD, A.State_Tax_Rate,A.Customer_Name,A.Cust_ID,A.State,  
    B.sale_id, B.product_id, B.date, B.discount,B.Quantity, B.Customer_ID,  
    B.ProdName,B.CostIn, B.PriceOut, B.eff, B.exp, B.prodID  
  From Work.DStates A  
  Join Work.DProducts B  
  On A.Cust_ID = B.Customer_ID  
;  
quit;
```

```
Proc sql;
```

```
create table DoltForState_In_Alabama as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 1;
```

```
;
```

```
quit;
```

```
Proc sql;
```

```
create table DoltForState_In_Alaska as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 2;
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table DoltForState_In_Arizona as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 3;
```

```
;
```

```
quit;
```

```
Proc sql;
```

```
create table DoltForState_In_Arkansas as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 4;  
;  
Quit;
```

```
Proc sql;
```

```
create table DoltForState_In_California as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 5;  
;  
quit;
```

```
Proc sql;
```

```
create table DoltForState_In_Colorado as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 6;  
;  
Quit;
```

```
Proc sql;
```

```
create table DoltForState_In_Connecticut as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 7;  
;  
Quit;
```

```
Proc sql;
```

```
create table DoltForState_In_Delaware as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 8;
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table DoltForState_In_Florida as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 9;
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table DoltForState_In_Georgia as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 10;
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table DoltForState_In_Hawaii as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 11;
```

```
;  
quit;
```

```
Proc sql;
```

```
create table DoltForState_In_Idaho as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 12;
```

```
;  
quit;
```

```
Proc sql;
```

```
create table DoltForState_In_Illinois as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 13;
```

```
;  
Quit;
```

```
Proc sql;
```

```
create table DoltForState_In_Indiana as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 14;
```

```
;  
Quit;
```

```
Proc sql;
```

```
create table DoltForState_In_Iowa as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 15;
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table DoltForState_In_Kansas as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 16;
```

```
;
```

```
quit;
```

```
Proc sql;
```

```
create table DoltForState_In_Kentucky as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 17;
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table DoltForState_In_Louisiana as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 18;
```

```
;
```



Quit;

Proc sql;

create table DoltForState\_In\_Maine as

SELECT \*

From Work.CALL

Where STID = 19;

;

Quit;

Proc sql;

create table DoltForState\_In\_Maryland as

SELECT \*

From Work.CALL

Where STID = 20;

;

Quit;

Proc sql;

create table DoltForState\_In\_Massachusetts as

SELECT \*

From Work.CALL

Where STID = 21;

;

Quit;

Proc sql;

create table DoltForState\_In\_Michigan as

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 22;
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table DoltForState_In_Minnesota as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 23;
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table DoltForState_In_Mississippi as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 24;
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table DoltForState_In_Missouri as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 25;
```

```
;
```

```
Quit;
```

Proc sql;

create table DoltForState\_In\_Montana as

SELECT \*

From Work.CALL

Where STID = 26;

;

Quit;

Proc sql;

create table DoltForState\_In\_Nebraska as

SELECT \*

From Work.CALL

Where STID = 27;

;

Quit;

Proc sql;

create table DoltForState\_In\_Nevada as

SELECT \*

From Work.CALL

Where STID = 28;

;

Quit;

Proc sql;

create table DoltForState\_In\_New\_Hampshire as

SELECT \*

From Work.CALL

```
Where STID = 29;  
;  
Quit;
```

```
Proc sql;
```

```
create table DoltForState_In_New_Jersey as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 30;  
;  
Quit;
```

```
Proc sql;
```

```
create table DoltForState_In_New_Mexico as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 31;  
;  
Quit;
```

```
Proc sql;
```

```
create table DoltForState_In_New_York as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 32;  
;  
Quit;
```

```
Proc sql;
```

```
create table DoltForState_In_North_Carolina as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 33;
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table DoltForState_In_North_Dakota as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 34;
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table DoltForState_In_Ohio as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 35;
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table DoltForState_In_Oklahoma as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 36;
```

```
;
```

```
Quit;
```

Proc sql;

create table DoltForState\_In\_Oregon as

SELECT \*

From Work.CALL

Where STID = 37;

;

Quit;

Proc sql;

create table DoltForState\_In\_Pennsylvania as

SELECT \*

From Work.CALL

Where STID = 38;

;

Quit;

Proc sql;

create table DoltForState\_In\_Rhode\_Island as

SELECT \*

From Work.CALL

Where STID = 39;

;

Quit;

Proc sql;

create table DoltForState\_In\_South\_Carolina as

SELECT \*

From Work.CALL

Where STID = 40;

;

Quit;

Proc sql;

create table DoltForState\_In\_South\_Dakota as

SELECT \*

From Work.CALL

Where STID = 41;

;

Quit;

Proc sql;

create table DoltForState\_In\_Tennessee as

SELECT \*

From Work.CALL

Where STID = 42;

;

Quit;

Proc sql;

create table DoltForState\_In\_Texas as

SELECT \*

From Work.CALL

Where STID = 43;

;

Quit;

Proc sql;

```
create table DoltForState_In_Utah as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 44;
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table DoltForState_In_Vermont as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 45;
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table DoltForState_In_Virginia as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 46;
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table DoltForState_In_Washington as
```

```
SELECT *
```

```
From Work.CALL
```



```
Where STID = 47;  
;  
Quit;
```

```
Proc sql;
```

```
create table DoltForState_In_West_Virginia as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 48;  
;  
Quit;
```

```
Proc sql;
```

```
create table DoltForState_In_Wisconsin as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 49;  
;  
Quit;
```

```
Proc sql;
```

```
create table DoltForState_In_Wyoming as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 50;  
;  
Quit;
```

```
Proc sql;
```

```
create table DoltForState_In_DC as
```

```
SELECT *
```

```
From Work.CALL
```

```
Where STID = 51;
```

```
;
```

```
quit;
```

```
Proc sql;
```

```
create table TotalSales_In_Alabama as
```

```
SELECT sum(quantity) as Total_Sum_by_State_ID
```

```
From Work.DoltForState_In_Alabama
```

```
;
```

```
quit;
```

```
Proc sql;
```

```
create table TotalSales_In_Alaska as
```

```
SELECT sum(quantity) as Total_Sum_by_State_ID
```

```
From Work.DoltForState_In_Alaska
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table TotalSales_In_Arizona as
```

```
SELECT sum(quantity) as Total_Sum_by_State_ID
```

```
From Work.DoltForState_In_Arizona
```

```
;  
quit;
```

```
Proc sql;
```

```
create table TotalSales_In_Arkansas as
```

```
SELECT sum(quantity) as Total_Sum_by_State_ID
```

```
From Work.DoltForState_In_Arkansas
```

```
;  
Quit;
```

```
Proc sql;
```

```
create table TotalSales_In_California as
```

```
SELECT sum(quantity) as Total_Sum_by_State_ID
```

```
From Work.DoltForState_In_California
```

```
;  
quit;
```

```
Proc sql;
```

```
create table TotalSales_In_Colorado as
```

```
SELECT sum(quantity) as Total_Sum_by_State_ID
```

```
From Work.DoltForState_In_Colorado
```

```
;  
Quit;
```

Proc sql;

create table TotalSales\_In\_Connecticut as

SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

From Work.DoltForState\_In\_Connecticut

;

Quit;

Proc sql;

create table TotalSales\_In\_Delaware as

SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

From Work.DoltForState\_In\_Delaware

;

Quit;

Proc sql;

create table TotalSales\_In\_Florida as

SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

From Work.DoltForState\_In\_Florida

;

Quit;

Proc sql;

create table TotalSales\_In\_Georgia as

SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

From Work.DoltForState\_In\_Georgia

```
;
Quit;
```

```
Proc sql;
```

```
create table TotalSales_In_Hawaii as
```

```
SELECT sum(quantity) as Total_Sum_by_State_ID
```

```
From Work.DoltForState_In_Hawaii
```

```
;
quit;
```

```
Proc sql;
```

```
create table TotalSales_In_Idaho as
```

```
SELECT sum(quantity) as Total_Sum_by_State_ID
```

```
From Work.DoltForState_In_Idaho
```

```
;
quit;
```

```
Proc sql;
```

```
create table TotalSales_In_Illinois as
```

```
SELECT sum(quantity) as Total_Sum_by_State_ID
```

```
From Work.DoltForState_In_Illinois
```

```
;
Quit;
```

```
Proc sql;
```

```
create table TotalSales_In_Indiana as
```

```
SELECT sum(quantity) as Total_Sum_by_State_ID
```

```
From Work.DoltForState_In_Indiana
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table TotalSales_In_Iowa as
```

```
SELECT sum(quantity) as Total_Sum_by_State_ID
```

```
From Work.DoltForState_In_Iowa
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table TotalSales_In_Kansas as
```

```
SELECT sum(quantity) as Total_Sum_by_State_ID
```

```
From Work. DoltForState_In_Kansas
```

```
;
```

```
quit;
```

```
Proc sql;
```

```
create table TotalSales_In_Kentucky as
```

```
SELECT sum(quantity) as Total_Sum_by_State_ID
```

```
From Work.DoltForState_In_Kentucky
```

```
;
```

Quit;

Proc sql;

create table TotalSales\_In\_Louisiana as

SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

From Work.DoltForState\_In\_Louisiana

;

Quit;

Proc sql;

create table TotalSales\_In\_Maine as

SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

From Work.DoltForState\_In\_Maine

;

Quit;

Proc sql;

create table TotalSales\_In\_Maryland as

SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

From Work.DoltForState\_In\_Maryland

;

Quit;

Proc sql;

create table TotalSales\_In\_Massachusetts as

```
SELECT sum(quantity) as Total_Sum_by_State_ID  
From Work.DoltForState_In_Massachusetts
```

```
;  
Quit;
```

```
Proc sql;
```

```
create table TotalSales_In_Michigan as
```

```
SELECT sum(quantity) as Total_Sum_by_State_ID  
From Work.DoltForState_In_Michigan
```

```
;  
Quit;
```

```
Proc sql;
```

```
create table TotalSales_In_Minnesota as
```

```
SELECT sum(quantity) as Total_Sum_by_State_ID  
From Work.DoltForState_In_Minnesota
```

```
;  
Quit;
```

```
Proc sql;
```

```
create table TotalSales_In_Mississippi as
```

```
SELECT sum(quantity) as Total_Sum_by_State_ID  
From Work.DoltForState_In_Mississippi
```

```
;  
Quit;
```



Proc sql;

create table TotalSales\_In\_Missouri as

SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

From Work.DoltForState\_In\_Missouri

;

Quit;

Proc sql;

create table TotalSales\_In\_Montana as

SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

From Work.DoltForState\_In\_Montana

;

Quit;

Proc sql;

create table TotalSales\_In\_Nebraska as

SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

From Work.DoltForState\_In\_Nebraska

;

Quit;

Proc sql;

create table TotalSales\_In\_Nevada as

SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

From Work.DoltForState\_In\_Nevada

```
;  
Quit;
```

```
Proc sql;
```

```
create table TotalSales_In_New_Hampshire as  
  
SELECT sum(quantity) as Total_Sum_by_State_ID  
  
From Work.DoltForState_In_New_Hampshire
```

```
;  
Quit;
```

```
Proc sql;
```

```
create table TotalSales_In_New_Jersey as  
  
SELECT sum(quantity) as Total_Sum_by_State_ID  
  
From Work.DoltForState_In_New_Jersey
```

```
;  
Quit;
```

```
Proc sql;
```

```
create table TotalSales_In_New_Mexico as  
  
SELECT sum(quantity) as Total_Sum_by_State_ID  
  
From Work.DoltForState_In_New_Mexico
```

```
;  
Quit;
```

```
Proc sql;
```

```
create table TotalSales_In_New_York as

SELECT sum(quantity) as Total_Sum_by_State_ID

From Work.DoltForState_In_New_York

;
Quit;
```

```
Proc sql;

create table TotalSales_In_North_Carolina as

SELECT sum(quantity) as Total_Sum_by_State_ID

From Work. DoltForState_In_North_Carolina

;
Quit;
```

```
Proc sql;

create table TotalSales_In_North_Dakota as

SELECT sum(quantity) as Total_Sum_by_State_ID

From Work.DoltForState_In_North_Dakota

;
Quit;
```

```
Proc sql;

create table TotalSales_In_Ohio as

SELECT sum(quantity) as Total_Sum_by_State_ID

From Work.DoltForState_In_Ohio

;
Quit;
```

Quit;

Proc sql;

create table TotalSales\_In\_Oklahoma as

SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

From Work.DoltForState\_In\_Oklahoma

;

Quit;

Proc sql;

create table TotalSales\_In\_Oregon as

SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

From Work.DoltForState\_In\_Oregon

;

Quit;

Proc sql;

create table TotalSales\_In\_Pennsylvania as

SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

From Work.DoltForState\_In\_Pennsylvania

;

Quit;

Proc sql;

create table TotalSales\_In\_Rhode\_Island as

SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

From Work.DoltForState\_In\_Rhode\_Island

;  
Quit;

Proc sql;

create table TotalSales\_In\_South\_Carolina as

SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

From Work.DoltForState\_In\_South\_Carolina

;  
Quit;

Proc sql;

create table TotalSales\_In\_South\_Dakota as

SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

From Work.DoltForState\_In\_South\_Dakota

;  
Quit;

Proc sql;

create table TotalSales\_In\_Tennessee as

SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

From Work.DoltForState\_In\_Tennessee

;  
Quit;

Proc sql;

```
create table TotalSales_In_Texas as

SELECT sum(quantity) as Total_Sum_by_State_ID

From Work.DoltForState_In_Texas

;
Quit;
```

```
Proc sql;

create table TotalSales_In_Utah as

SELECT sum(quantity) as Total_Sum_by_State_ID

From Work.DoltForState_In_Utah

;
Quit;
```

```
Proc sql;

create table TotalSales_In_Vermont as

SELECT sum(quantity) as Total_Sum_by_State_ID

From Work.DoltForState_In_Vermont

;
Quit;
```

```
Proc sql;

create table TotalSales_In_Virginia as

SELECT sum(quantity) as Total_Sum_by_State_ID

From Work.DoltForState_In_Virginia
```

```
;  
Quit;
```

```
Proc sql;
```

```
create table TotalSales_In_Washington as
```

```
SELECT sum(quantity) as Total_Sum_by_State_ID
```

```
From Work.DoltForState_In_Washington
```

```
;  
Quit;
```

```
Proc sql;
```

```
create table TotalSales_In_West_Virginia as
```

```
SELECT sum(quantity) as Total_Sum_by_State_ID
```

```
From Work.DoltForState_In_West_Virginia
```

```
;  
Quit;
```

```
Proc sql;
```

```
create table TotalSales_In_Wisconsin as
```

```
SELECT sum(quantity) as Total_Sum_by_State_ID
```

```
From Work. DoltForState_In_Wisconsin
```

```
;  
Quit;
```

```
Proc sql;
```

```
create table TotalSales_In_Wyoming as
```

```
SELECT sum(quantity) as Total_Sum_by_State_ID
```

```
From Work.DoltForState_In_Wyoming
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table TotalSales_In_DC as
```

```
SELECT sum(quantity) as Total_Sum_by_State_ID
```

```
From Work.DoltForState_In_DC
```

```
;
```

```
quit;
```

```
data Work.Sum1_of_Sales_by_State_ID;
```

```
set TotalSales_In_Alabama TotalSales_In_Alaska TotalSales_In_Arizona  
TotalSales_In_Arkansas TotalSales_In_California TotalSales_In_Colorado  
TotalSales_In_Connecticut TotalSales_In_Delaware TotalSales_In_Florida  
TotalSales_In_Georgia TotalSales_In_Hawaii TotalSales_In_Idaho TotalSales_In_Illinois  
TotalSales_In_Indiana TotalSales_In_Iowa TotalSales_In_Kansas TotalSales_In_Kentucky  
TotalSales_In_Louisiana TotalSales_In_Maine TotalSales_In_Maryland  
TotalSales_In_Massachusetts TotalSales_In_Michigan TotalSales_In_Minnesota  
TotalSales_In_Mississippi TotalSales_In_Missouri TotalSales_In_Montana  
TotalSales_In_Nebraska TotalSales_In_Nevada TotalSales_In_New_Hampshire  
TotalSales_In_New_Jersey TotalSales_In_New_Mexico TotalSales_In_New_York  
TotalSales_In_North_Carolina TotalSales_In_North_Dakota TotalSales_In_Ohio  
TotalSales_In_Oklahoma TotalSales_In_Oregon TotalSales_In_Pennsylvania  
TotalSales_In_Rhode_Island TotalSales_In_South_Carolina TotalSales_In_South_Dakota  
TotalSales_In_Tennessee TotalSales_In_Texas TotalSales_In_Utah TotalSales_In_Vermont  
TotalSales_In_Virginia TotalSales_In_Washington TotalSales_In_West_Virginia  
TotalSales_In_Wisconsin TotalSales_In_Wyoming TotalSales_In_DC;  
run;
```



Proc sql;

create table Billing\_In\_Alabama as

SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

FROM DoltForState\_In\_Alabama

;

Quit;

Proc sql;

create table TotalBilling\_In\_Alabama as

SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

From Work.Billing\_In\_Alabama

;

Quit;

Proc sql;

create table Billing\_In\_Alaska as

SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

FROM DoltForState\_In\_Alaska

;

Quit;

Proc sql;

create table TotalBilling\_In\_Alaska as

SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

From Work.Billing\_In\_Alaska

;

Quit;

Proc sql;

create table Billing\_In\_Arizona as

SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

FROM DoltForState\_In\_Arizona

;

Quit;

Proc sql;

create table TotalBilling\_In\_Arizona as

SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

From Work.Billing\_In\_Arizona

;

Quit;

Proc sql;

create table Billing\_In\_Arkansas as

SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate) FROM  
DoltForState\_In\_Arkansas

;

Quit;

Proc sql;

create table TotalBilling\_In\_Arkansas as

SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

From Work.Billing\_In\_Arkansas

;

Quit;

Proc sql;

create table Billing\_In\_California as

SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate) FROM  
DoltForState\_In\_California

;

Quit;

Proc sql;

create table TotalBilling\_In\_California as

SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

From Work.Billing\_In\_California

;

Quit;

Proc sql;

create table Billing\_In\_Colorado as

SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate) FROM  
DoltForState\_In\_Colorado

;

Quit;

Proc sql;

create table TotalBilling\_In\_Colorado as

```
SELECT sum(_TEMA001) as TotalBilling_BY_StateID
```

```
From Work.Billing_In_Colorado
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table Billing_In_Connecticut as
```

```
SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate) FROM  
DoltForState_In_Connecticut
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table TotalBilling_In_Connecticut as
```

```
SELECT sum(_TEMA001) as TotalBilling_BY_StateID
```

```
From Work.Billing_In_Connecticut
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table Billing_In_Delaware as
```

```
SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate) FROM  
DoltForState_In_Delaware
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table TotalBilling_In_Delaware as
```

```
SELECT sum(_TEMA001) as TotalBilling_BY_StateID
```

```
From Work.Billing_In_Delaware
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table Billing_In_Florida as
```

```
SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)
```

```
FROM DoltForState_In_Florida
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table TotalBilling_In_Florida as
```

```
SELECT sum(_TEMA001) as TotalBilling_BY_StateID
```

```
From Work.Billing_In_Florida
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table Billing_In_Georgia as
```

```
SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)
```

```
FROM DoltForState_In_Georgia
```

```
;
```

```
Quit;
```

Proc sql;

create table TotalBilling\_In\_Georgia as

SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

From Work.Billing\_In\_Georgia

;

Quit;

Proc sql;

create table Billing\_In\_Hawaii as

SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

FROM DoltForState\_In\_Hawaii

;

Quit;

Proc sql;

create table TotalBilling\_In\_Hawaii as

SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

From Work.Billing\_In\_Hawaii

;

Quit;

Proc sql;

create table Billing\_In\_Idaho as

SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

FROM DoltForState\_In\_Idaho

```
;  
Quit;  
Proc sql;
```

```
create table TotalBilling_In_Idaho as  
  
SELECT sum(_TEMA001) as TotalBilling_BY_StateID  
  
From Work.Billing_In_Idaho
```

```
;  
Quit;
```

```
Proc sql;
```

```
create table Billing_In_Illinois as  
  
SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)  
FROM DoltForState_In_Illinois
```

```
;  
Quit;  
Proc sql;
```

```
create table TotalBilling_In_Illinois as  
  
SELECT sum(_TEMA001) as TotalBilling_BY_StateID  
  
From Work.Billing_In_Illinois
```

```
;  
Quit;
```

```
Proc sql;
```

```
create table Billing_In_Indiana as  
  
SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)  
FROM DoltForState_In_Indiana
```

```
;
Quit;
Proc sql;
```

```
create table TotalBilling_In_Indiana as
```

```
SELECT sum(_TEMA001) as TotalBilling_BY_StateID
```

```
From Work.Billing_In_Indiana
```

```
;
Quit;
```

```
Proc sql;
```

```
create table Billing_In_lowa as
```

```
SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)
FROM DoltForState_In_lowa
```

```
;
Quit;
Proc sql;
```

```
create table TotalBilling_In_lowa as
```

```
SELECT sum(_TEMA001) as TotalBilling_BY_StateID
```

```
From Work.Billing_In_lowa
```

```
;
Quit;
```

```
Proc sql;
```

```
create table Billing_In_Kansas as
```

```
SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)
FROM DoltForState_In_Kansas
```



```
;
Quit;
Proc sql;
```

```
create table TotalBilling_In_Kansas as
```

```
SELECT sum(_TEMA001) as TotalBilling_BY_StateID
```

```
From Work.Billing_In_Kansas
```

```
;
Quit;
```

```
Proc sql;
```

```
create table Billing_In_Kentucky as
```

```
SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)
FROM DoltForState_In_Kentucky
```

```
;
Quit;
Proc sql;
```

```
create table TotalBilling_In_Kentucky as
```

```
SELECT sum(_TEMA001) as TotalBilling_BY_StateID
```

```
From Work.Billing_In_Kentucky
```

```
;
Quit;
```

```
Proc sql;
```

```
create table Billing_In_Louisiana as
```

```
SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)
```

```
FROM DoltForState_In_Louisiana
```

```
;  
Quit;  
Proc sql;
```

```
create table TotalBilling_In_Louisiana as
```

```
SELECT sum(_TEMA001) as TotalBilling_BY_StateID
```

```
From Work.Billing_In_Louisiana
```

```
;  
Quit;
```

```
Proc sql;
```

```
create table Billing_In_Maine as
```

```
SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)  
FROM DoltForState_In_Maine
```

```
;  
Quit;  
Proc sql;
```

```
create table TotalBilling_In_Maine as
```

```
SELECT sum(_TEMA001) as TotalBilling_BY_StateID
```

```
From Work.Billing_In_Maine
```

```
;  
Quit;
```

```
Proc sql;
```

create table Billing\_In\_Maryland as

SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)  
FROM DoltForState\_In\_Maryland

;

Quit;

Proc sql;

create table TotalBilling\_In\_Maryland as

SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

From Work.Billing\_In\_Maryland

;

Quit;

Proc sql;

create table Billing\_In\_Massachusetts as

SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)  
FROM DoltForState\_In\_Massachusetts

;

Quit;

Proc sql;

create table TotalBilling\_In\_Massachusetts as

SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

From Work.Billing\_In\_Massachusetts

;

Quit;

Proc sql;

create table Billing\_In\_Michigan as

SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)  
FROM DoltForState\_In\_Michigan

;

Quit;

Proc sql;

create table TotalBilling\_In\_Michigan as

SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

From Work.Billing\_In\_Michigan

;

Quit;

Proc sql;

create table Billing\_In\_Minnesota as

SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)  
FROM DoltForState\_In\_Minnesota

;

Quit;

Proc sql;

create table TotalBilling\_In\_Minnesota as

SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

From Work.Billing\_In\_Minnesota

;

Quit;

Proc sql;

```
create table Billing_In_Mississippi as
```

```
SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)  
FROM DoltForState_In_Mississippi
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table TotalBilling_In_Mississippi as
```

```
SELECT sum(_TEMA001) as TotalBilling_BY_StateID
```

```
From Work.Billing_In_Mississippi
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table Billing_In_Missouri as
```

```
SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)  
FROM DoltForState_In_Missouri
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table TotalBilling_In_Missouri as
```

```
SELECT sum(_TEMA001) as TotalBilling_BY_StateID
```

```
From Work.Billing_In_Missouri
```

```
;
```

```
Quit;
```

Proc sql;

create table Billing\_In\_Montana as

SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)  
FROM DoltForState\_In\_Montana

;

Quit;

Proc sql;

create table TotalBilling\_In\_Montana as

SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

From Work.Billing\_In\_Montana

;

Quit;

Proc sql;

create table Billing\_In\_Nebraska as

SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)  
FROM DoltForState\_In\_Nebraska

;

Quit;

Proc sql;

create table TotalBilling\_In\_Nebraska as

SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

From Work.Billing\_In\_Nebraska

;

Quit;

Proc sql;

create table Billing\_In\_Nevada as

SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)  
FROM DoltForState\_In\_Nevada

;

Quit;

Proc sql;

create table TotalBilling\_In\_Nevada as

SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

From Work.Billing\_In\_Nevada

;

Quit;

Proc sql;

create table Billing\_In\_New\_Hampshire as

SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)  
FROM DoltForState\_In\_New\_Hampshire

;

Quit;

Proc sql;

create table TotalBilling\_In\_New\_Hampshire as

SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

From Work.Billing\_In\_New\_Hampshire

```
;  
Quit;
```

```
Proc sql;
```

```
create table Billing_In_New_Jersey as
```

```
SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)  
FROM DoltForState_In_New_Jersey
```

```
;  
Quit;  
Proc sql;
```

```
create table TotalBilling_In_New_Jersey as
```

```
SELECT sum(_TEMA001) as TotalBilling_BY_StateID
```

```
From Work.Billing_In_New_Jersey
```

```
;  
Quit;
```

```
Proc sql;
```

```
create table Billing_In_New_Mexico as
```

```
SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)  
FROM DoltForState_In_New_Mexico
```

```
;  
Quit;  
Proc sql;
```

```
create table TotalBilling_In_New_Mexico as
```

```
SELECT sum(_TEMA001) as TotalBilling_BY_StateID
```

```
From Work.Billing_In_New_Mexico
```



```
;
Quit;
```

```
Proc sql;
```

```
create table Billing_In_New_York as
```

```
SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)
FROM DoltForState_In_New_York
```

```
;
Quit;
Proc sql;
```

```
create table TotalBilling_In_New_York as
```

```
SELECT sum(_TEMA001) as TotalBilling_BY_StateID
```

```
From Work.Billing_In_New_York
```

```
;
Quit;
```

```
Proc sql;
```

```
create table Billing_In_North_Carolina as
```

```
SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)
FROM DoltForState_In_North_Carolina
```

```
;
Quit;
Proc sql;
```

```
create table TotalBilling_In_North_Carolina as
```

```
SELECT sum(_TEMA001) as TotalBilling_BY_StateID
```

```
From Work.Billing_In_North_Carolina
```

```
;  
Quit;
```

```
Proc sql;
```

```
create table Billing_In_North_Dakota as
```

```
SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)  
FROM DoltForState_In_North_Dakota
```

```
;  
Quit;  
Proc sql;
```

```
create table TotalBilling_In_North_Dakota as
```

```
SELECT sum(_TEMA001) as TotalBilling_BY_StateID
```

```
From Work.Billing_In_North_Dakota
```

```
;  
Quit;
```

```
Proc sql;
```

```
create table Billing_In_Ohio as
```

```
SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)  
FROM DoltForState_In_Ohio
```

```
;  
Quit;  
Proc sql;
```

```
create table TotalBilling_In_Ohio as
```

```
SELECT sum(_TEMA001) as TotalBilling_BY_StateID
```

```
From Work.Billing_In_Ohio
```

```
;  
Quit;
```

```
Proc sql;
```

```
create table Billing_In_Oklahoma as
```

```
SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)  
FROM DoltForState_In_Oklahoma
```

```
;  
Quit;  
Proc sql;
```

```
create table TotalBilling_In_Oklahoma as
```

```
SELECT sum(_TEMA001) as TotalBilling_BY_StateID
```

```
From Work.Billing_In_Oklahoma
```

```
;  
Quit;
```

```
Proc sql;
```

```
create table Billing_In_Oregon as
```

```
SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)  
FROM DoltForState_In_Oregon
```

```
;  
Quit;  
Proc sql;
```

```
create table TotalBilling_In_Oregon as
```

```
SELECT sum(_TEMA001) as TotalBilling_BY_StateID
```

```
From Work.Billing_In_Oregon
```

```
;  
Quit;
```

```
Proc sql;
```

```
create table Billing_In_Pennsylvania as
```

```
SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)  
FROM DoltForState_In_Pennsylvania
```

```
;  
Quit;  
Proc sql;
```

```
create table TotalBilling_In_Pennsylvania as
```

```
SELECT sum(_TEMA001) as TotalBilling_BY_StateID
```

```
From Work.Billing_In_Pennsylvania
```

```
;  
Quit;
```

```
Proc sql;
```

```
create table Billing_In_Rhode_Island as
```

```
SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)  
FROM DoltForState_In_Rhode_Island
```

```
;  
Quit;  
Proc sql;
```

```
create table TotalBilling_In_Rhode_Island as
```

```
SELECT sum(_TEMA001) as TotalBilling_BY_StateID
```

From Work.Billing\_In\_Rhode\_Island

;

Quit;

Proc sql;

create table Billing\_In\_South\_Carolina as

SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)  
FROM DoltForState\_In\_South\_Carolina

;

Quit;

Proc sql;

create table TotalBilling\_In\_South\_Carolina as

SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

From Work.Billing\_In\_South\_Carolina

;

Quit;

Proc sql;

create table Billing\_In\_South\_Dakota as

SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)  
FROM DoltForState\_In\_South\_Dakota

;

Quit;

Proc sql;

```
create table TotalBilling_In_South_Dakota as
```

```
SELECT sum(_TEMA001) as TotalBilling_BY_StateID
```

```
From Billing_In_South_Dakota
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table Billing_In_Tennessee as
```

```
SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)
```

```
FROM DoltForState_In_Tennessee
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table TotalBilling_In_Tennessee as
```

```
SELECT sum(_TEMA001) as TotalBilling_BY_StateID
```

```
From Work.Billing_In_Tennessee
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table Billing_In_Texas as
```

```
SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)
```

```
FROM DoltForState_In_Texas
```

```
;
```

```
Quit;
```

Proc sql;

create table TotalBilling\_In\_Texas as

SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

From Work.Billing\_In\_Texas

;

Quit;

Proc sql;

create table Billing\_In\_Utah as

SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

FROM DoltForState\_In\_Utah

;

Quit;

Proc sql;

create table TotalBilling\_In\_Utah as

SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

From Work.Billing\_In\_Utah

;

Quit;

Proc sql;

create table Billing\_In\_Vermont as

SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

```
FROM DoltForState_In_Vermont
```

```
;  
Quit;
```

```
Proc sql;
```

```
create table TotalBilling_In_Vermont as
```

```
SELECT sum(_TEMA001) as TotalBilling_BY_StateID
```

```
From Work.Billing_In_Vermont
```

```
;  
Quit;
```

```
Proc sql;
```

```
create table Billing_In_Virginia as
```

```
SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)
```

```
FROM DoltForState_In_Virginia
```

```
;  
Quit;
```

```
Proc sql;
```

```
create table TotalBilling_In_Virginia as
```

```
SELECT sum(_TEMA001) as TotalBilling_BY_StateID
```

```
From Work.Billing_In_Virginia
```

```
;  
Quit;
```



Proc sql;

create table Billing\_In\_Washington as

SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)  
FROM DoltForState\_In\_Washington

;

Quit;

Proc sql;

create table TotalBilling\_In\_Washington as

SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

From Work.Billing\_In\_Washington

;

Quit;

Proc sql;

create table Billing\_In\_West\_Virginia as

SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)  
FROM DoltForState\_In\_West\_Virginia

;

Quit;

Proc sql;

create table TotalBilling\_In\_West\_Virginia as

SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

From Work.Billing\_In\_West\_Virginia

```
;  
Quit;
```

```
Proc sql;
```

```
create table Billing_In_Wisconsin as
```

```
SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)  
FROM DoltForState_In_Wisconsin
```

```
;  
Quit;
```

```
Proc sql;
```

```
create table TotalBilling_In_Wisconsin as
```

```
SELECT sum(_TEMA001) as TotalBilling_BY_StateID  
  
From Work.Billing_In_Wisconsin
```

```
;  
Quit;
```

```
Proc sql;
```

```
create table Billing_In_Wyoming as
```

```
SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)  
FROM DoltForState_In_Wyoming
```

```
;  
Quit;
```

```
Proc sql;
```

```
create table TotalBilling_In_Wyoming as
```

```
SELECT sum(_TEMA001) as TotalBilling_BY_StateID
```

```
From Work.Billing_In_Wyoming
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table Billing_In_DC as
```

```
SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)
```

```
FROM DoltForState_In_DC
```

```
;
```

```
Quit;
```

```
Proc sql;
```

```
create table TotalBilling_In_DC as
```

```
SELECT sum(_TEMA001) as TotalBilling_BY_StateID
```

```
From Work.Billing_In_DC
```

```
;
```

```
Quit;
```

```
data Work.S_of_Billing_by_State_ID;
```

```

set TotalBilling_In_Alabama TotalBilling_In_Alaska TotalBilling_In_Arizona
TotalBilling_In_Arkansas TotalBilling_In_California TotalBilling_In_Colorado
TotalBilling_In_Connecticut TotalBilling_In_Delaware TotalBilling_In_Florida
TotalBilling_In_Georgia TotalBilling_In_Hawaii TotalBilling_In_Idaho TotalBilling_In_Illinois
TotalBilling_In_Indiana TotalBilling_In_Iowa TotalBilling_In_Kansas TotalBilling_In_Kentucky
TotalBilling_In_Louisiana TotalBilling_In_Maine TotalBilling_In_Maryland
TotalBilling_In_Massachusetts TotalBilling_In_Michigan TotalBilling_In_Minnesota
TotalBilling_In_Mississippi TotalBilling_In_Missouri TotalBilling_In_Montana
TotalBilling_In_Nebraska TotalBilling_In_Nevada TotalBilling_In_New_Hampshire
TotalBilling_In_New_Jersey TotalBilling_In_New_Mexico TotalBilling_In_New_York
TotalBilling_In_North_Carolina TotalBilling_In_North_Dakota TotalBilling_In_Ohio
TotalBilling_In_Oklahoma TotalBilling_In_Oregon TotalBilling_In_Pennsylvania
TotalBilling_In_Rhode_Island TotalBilling_In_South_Carolina TotalBilling_In_South_Dakota
TotalBilling_In_Tennessee TotalBilling_In_Texas TotalBilling_In_Utah TotalBilling_In_Vermont
TotalBilling_In_Virginia TotalBilling_In_Washington TotalBilling_In_West_Virginia
TotalBilling_In_Wisconsin TotalBilling_In_Wyoming TotalBilling_In_DC;
run;

```

```

proc import datafile = '\\msfs-03.grove.ad.uconn.edu\home\stg19003\Desktop\States.xlsx'
  out = Sheet1
  dbms = xlsx
  replace
  ;
  sheet = "Sheet1";
run;

```

```

data Work.Billing_Sum_by_State_In_Dollars;

```

```

merge Work.S_of_Billing_by_State_ID Work.Sheet1;
run;

```

```

data Work.Quantity_of_Sales_by_State;

```

```

merge Work.Sum1_of_Sales_by_State_ID Work.Sheet1;
run;

```

**Below is the log computed as a result of the code above. I accidentally printed this twice:**

NOTE: Copyright (c) 2016 by SAS Institute Inc., Cary, NC, USA.

NOTE: SAS (r) Proprietary Software 9.4 (TS1M7)

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NOTE: This session is executing on the X64\_DSRV19 platform.

NOTE: Analytical products:

SAS/STAT 15.2  
SAS/ETS 15.2  
SAS/OR 15.2  
SAS/IML 15.2  
SAS/QC 15.2

NOTE: Additional host information:

X64\_DSRV19 WIN 10.0.17763 Server

NOTE: SAS initialization used:

real time 5.86 seconds  
cpu time 1.20 seconds

```
1 proc import datafile = '\\msfs-03.grove.ad.uconn.edu\home\stg19003\Desktop\Wellington
Global
1 ! Marketplace.xlsx'
2 out = Products
3 dbms = xlsx
4 replace
5 ;
6 sheet = "Products";
7 run;
```

NOTE: One or more variables were converted because the data type is not supported by the V9 engine. For more

details, run with options MSGLEVEL=I.

NOTE: The import data set has 52 observations and 6 variables.

NOTE: WORK.PRODUCTS data set was successfully created.

NOTE: PROCEDURE IMPORT used (Total process time):

real time 0.26 seconds  
cpu time 0.06 seconds

8

```
9 proc import datafile = '\\msfs-03.grove.ad.uconn.edu\home\stg19003\Desktop\Wellington
Global
9 ! Marketplace.xlsx'
```

```

10 out = Customers
11 dbms = xlsx
12 replace
13 ;
14 sheet = "Customers";
15 run;

```

NOTE: One or more variables were converted because the data type is not supported by the V9 engine. For more

details, run with options MSGLEVEL=I.

NOTE: The import data set has 200 observations and 3 variables.

NOTE: WORK.CUSTOMERS data set was successfully created.

NOTE: PROCEDURE IMPORT used (Total process time):

real time	0.05 seconds
cpu time	0.04 seconds

```

16
17 proc import datafile = '\\msfs-03.grove.ad.uconn.edu\home\stg19003\Desktop\Wellington
Global
17 ! Marketplace.xlsx'
18 out = Sales_Tax_By_State
19 dbms = xlsx
20 replace
21 ;
22 sheet = "Sales_Tax_By_State";
23 run;

```

NOTE: Variable Name Change. State Tax Rate -> State\_Tax\_Rate

NOTE: One or more variables were converted because the data type is not supported by the V9 engine. For more

details, run with options MSGLEVEL=I.

NOTE: The import data set has 51 observations and 4 variables.

NOTE: WORK.SALES\_TAX\_BY\_STATE data set was successfully created.

NOTE: PROCEDURE IMPORT used (Total process time):

real time	0.04 seconds
cpu time	0.03 seconds

```

24
25 proc import datafile = '\\msfs-03.grove.ad.uconn.edu\home\stg19003\Desktop\Wellington
Global
25 ! Marketplace.xlsx'
26 out = Sales_2014

```

```

27  dbms = xlsx
28  replace
29  ;
30  sheet = "Sales_2014";
31  run;

```

NOTE: The import data set has 55462 observations and 7 variables.

NOTE: WORK.SALES\_2014 data set was successfully created.

NOTE: PROCEDURE IMPORT used (Total process time):

real time	3.88 seconds
cpu time	3.82 seconds

```

32
33  proc import datafile = '\\msfs-03.grove.ad.uconn.edu\home\stg19003\Desktop\Wellington
Global
33 ! Marketplace.xlsx'
34  out = Departments
35  dbms = xlsx
36  replace
37  ;
38  sheet = "Departments";
39  run;

```

NOTE: One or more variables were converted because the data type is not supported by the V9 engine. For more

details, run with options MSGLEVEL=I.

NOTE: The import data set has 9 observations and 3 variables.

NOTE: WORK.DEPARTMENTS data set was successfully created.

NOTE: PROCEDURE IMPORT used (Total process time):

real time	0.04 seconds
cpu time	0.03 seconds

```

40
41  proc import datafile = '\\msfs-03.grove.ad.uconn.edu\home\stg19003\Desktop\Wellington
Global
41 ! Marketplace.xlsx'
42  out = Employee_Master
43  dbms = xlsx
44  replace
45  ;
46  sheet = "Employee_Master";
47  run;

```

NOTE: One or more variables were converted because the data type is not supported by the V9 engine. For more

details, run with options MSGLEVEL=I.

NOTE: The import data set has 40 observations and 8 variables.

NOTE: WORK.EMPLOYEE\_MASTER data set was successfully created.

NOTE: PROCEDURE IMPORT used (Total process time):

real time	0.05 seconds
cpu time	0.03 seconds

48

49 proc sql;

50 create table Work.DStates as

51 Select A.STID, A.State, A.State\_CD, A.State\_Tax\_Rate,

52 B.Customer\_Name,B.Cust\_ID, B.State

53 From Work.Sales\_tax\_by\_state A

54 Join Work.Customers B

55 On A.STID = B.State

56 ;

WARNING: Variable State already exists on file WORK.DSTATES.

NOTE: Table WORK.DSTATES created, with 200 rows and 6 columns.

57 quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.26 seconds
cpu time	0.06 seconds

58

59 proc sql;

60 create table Work.DProducts as

61 Select A.sale\_id, A.product\_id, A.date, A.discount,A.Quantity, A.Customer\_ID,

62 B.ProdName,B.CostIn, B.PriceOut, B.eff, B.exp, B.prodID

63 From Work.Sales\_2014 A

64 Join Work.Products B

65 On B.prodID = A.product\_id

66 And A.date >= B.eff

67 And A.date <= B.exp

68 ;

NOTE: Table WORK.DPRODUCTS created, with 55467 rows and 12 columns.

69 quit;

NOTE: PROCEDURE SQL used (Total process time):



real time	0.05 seconds
cpu time	0.04 seconds

```
70
71
72
73
74
75
76 proc sql;
77 create table Work.CALL as
78 Select A.STID, A.State, A.State_CD,
A.State_Tax_Rate,A.Customer_Name,A.Cust_ID,A.State,
79 B.sale_id, B.product_id, B.date, B.discount,B.Quantity, B.Customer_ID,
80 B.ProdName,B.CostIn, B.PriceOut, B.eff, B.exp, B.prodID
81 From Work.DStates A
82 Join Work.DProducts B
83 On A.Cust_ID = B.Customer_ID
84 ;
```

WARNING: Variable State already exists on file WORK.CALL.

NOTE: Table WORK.CALL created, with 55467 rows and 18 columns.

```
85 quit;
NOTE: PROCEDURE SQL used (Total process time):
      real time      0.04 seconds
      cpu time       0.04 seconds
```

```
86
87
88
89
90 Proc sql;
91
92 create table DoltForState_In_Alabama as
93
94 SELECT *
95
96 From Work.CALL
97
98 Where STID = 1;
```

NOTE: Table WORK.DOITFORSTATE\_IN\_ALABAMA created, with 753 rows and 18 columns.

```
99 ;
100 quit;
NOTE: PROCEDURE SQL used (Total process time):
      real time      0.02 seconds
      cpu time       0.03 seconds
```

```
101
102 Proc sql;
103
104 create table DoltForState_In_Alaska as
105
106 SELECT *
107
108 From Work.CALL
109
110 Where STID = 2;
```

NOTE: Table WORK.DOITFORSTATE\_IN\_ALASKA created, with 836 rows and 18 columns.

```
111 ;
112 Quit;
NOTE: PROCEDURE SQL used (Total process time):
      real time      0.02 seconds
      cpu time       0.03 seconds
```

```
113
114
115
116 Proc sql;
117
118 create table DoltForState_In_Arizona as
119
120 SELECT *
121
122 From Work.CALL
123
124 Where STID = 3;
```

NOTE: Table WORK.DOITFORSTATE\_IN\_ARIZONA created, with 272 rows and 18 columns.

```
125 ;
126 quit;
NOTE: PROCEDURE SQL used (Total process time):
      real time      0.02 seconds
```

cpu time          0.03 seconds

```
127
128 Proc sql;
129
130 create table DoltForState_In_Arkansas as
131
132 SELECT *
133
134 From Work.CALL
135
136 Where STID = 4;
```

NOTE: Table WORK.DOITFORSTATE\_IN\_ARKANSAS created, with 1334 rows and 18 columns.

```
137 ;
138 Quit;
NOTE: PROCEDURE SQL used (Total process time):
```

real time	0.02 seconds
cpu time	0.03 seconds

```
139
140
141
142 Proc sql;
143
144 create table DoltForState_In_California as
145
146 SELECT *
147
148 From Work.CALL
149
150 Where STID = 5;
```

NOTE: Table WORK.DOITFORSTATE\_IN\_CALIFORNIA created, with 1660 rows and 18 columns.

```
151 ;
152 quit;
NOTE: PROCEDURE SQL used (Total process time):
```

real time	0.02 seconds
cpu time	0.03 seconds

```
153
154 Proc sql;
155
156 create table DoltForState_In_Colorado as
157
158 SELECT *
159
160 From Work.CALL
161
162 Where STID = 6;
```

NOTE: Table WORK.DOITFORSTATE\_IN\_COLORADO created, with 1403 rows and 18 columns.

```
163 ;
164 Quit;
NOTE: PROCEDURE SQL used (Total process time):
      real time      0.02 seconds
      cpu time       0.01 seconds
```

```
165
166 Proc sql;
167
168 create table DoltForState_In_Connecticut as
169
170 SELECT *
171
172 From Work.CALL
173
174 Where STID = 7;
```

NOTE: Table WORK.DOITFORSTATE\_IN\_CONNECTICUT created, with 831 rows and 18 columns.

```
175 ;
176 Quit;
NOTE: PROCEDURE SQL used (Total process time):
      real time      0.02 seconds
      cpu time       0.03 seconds
```

```
177
178 Proc sql;
179
```

180 create table DoltForState\_In\_Delaware as

181

182 SELECT \*

183

184 From Work.CALL

185

186 Where STID = 8;

NOTE: Table WORK.DOITFORSTATE\_IN\_DELAWARE created, with 1644 rows and 18 columns.

187 ;

188 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.02 seconds

cpu time 0.03 seconds

189

190 Proc sql;

191

192 create table DoltForState\_In\_Florida as

193

194 SELECT \*

195

196 From Work.CALL

197

198 Where STID = 9;

NOTE: Table WORK.DOITFORSTATE\_IN\_FLORIDA created, with 1101 rows and 18 columns.

199 ;

200 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.02 seconds

cpu time 0.03 seconds

201

202 Proc sql;

203

204 create table DoltForState\_In\_Georgia as

205

206 SELECT \*

207

208 From Work.CALL

209

210 Where STID = 10;

NOTE: Table WORK.DOITFORSTATE\_IN\_GEORGIA created, with 860 rows and 18 columns.

211 ;

212 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.02 seconds

cpu time 0.01 seconds

213

214 Proc sql;

215

216 create table DoltForState\_In\_Hawaii as

217

218 SELECT \*

219

220 From Work.CALL

221

222 Where STID = 11;

NOTE: Table WORK.DOITFORSTATE\_IN\_HAWAII created, with 1105 rows and 18 columns.

223 ;

224 quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.02 seconds

cpu time 0.03 seconds

225

226

227 Proc sql;

228

229 create table DoltForState\_In\_Idaho as

230

231 SELECT \*

232

233 From Work.CALL

234

235 Where STID = 12;

NOTE: Table WORK.DOITFORSTATE\_IN\_IDAHO created, with 547 rows and 18 columns.

236 ;

237 quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.02 seconds

cpu time 0.03 seconds

238

239 Proc sql;

240

241 create table DoltForState\_In\_Illinois as

242

243 SELECT \*

244

245 From Work.CALL

246

247 Where STID = 13;

NOTE: Table WORK.DOITFORSTATE\_IN\_ILINOIS created, with 576 rows and 18 columns.

248 ;

249 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.02 seconds

cpu time 0.03 seconds

250

251 Proc sql;

252

253 create table DoltForState\_In\_Indiana as

254

255 SELECT \*

256

257 From Work.CALL

258

259 Where STID = 14;

NOTE: Table WORK.DOITFORSTATE\_IN\_INDIANA created, with 2738 rows and 18 columns.

260 ;

261 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.02 seconds

cpu time 0.03 seconds

262

263 Proc sql;

264

265 create table DoltForState\_In\_Iowa as

266

267 SELECT \*

268

269 From Work.CALL

270

271 Where STID = 15;

NOTE: Table WORK.DOITFORSTATE\_IN\_IOWA created, with 1435 rows and 18 columns.

272 ;

273 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.02 seconds

cpu time 0.03 seconds

274

275 Proc sql;

276

277 create table DoltForState\_In\_Kansas as

278

279 SELECT \*

280

281 From Work.CALL

282

283 Where STID = 16;

NOTE: Table WORK.DOITFORSTATE\_IN\_KANSAS created, with 1916 rows and 18 columns.

284 ;

285 quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.02 seconds

cpu time 0.03 seconds

286

287

288 Proc sql;

289

290 create table DoltForState\_In\_Kentucky as

291



292 SELECT \*

293

294 From Work.CALL

295

296 Where STID = 17;

NOTE: Table WORK.DOITFORSTATE\_IN\_KENTUCKY created, with 547 rows and 18 columns.

297 ;

298 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.02 seconds

cpu time 0.03 seconds

299

300

301 Proc sql;

302

303 create table DoltForState\_In\_Louisiana as

304

305 SELECT \*

306

307 From Work.CALL

308

309 Where STID = 18;

NOTE: Table WORK.DOITFORSTATE\_IN\_LOUISIANA created, with 766 rows and 18 columns.

310 ;

311 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.02 seconds

cpu time 0.01 seconds

312

313

314 Proc sql;

315

316 create table DoltForState\_In\_Maine as

317

318 SELECT \*

319

320 From Work.CALL

321

322 Where STID = 19;

NOTE: Table WORK.DOITFORSTATE\_IN\_MAINE created, with 2211 rows and 18 columns.

323 ;

324 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.02 seconds

cpu time 0.03 seconds

325

326 Proc sql;

327

328 create table DoltForState\_In\_Maryland as

329

330 SELECT \*

331

332 From Work.CALL

333

334 Where STID = 20;

NOTE: Table WORK.DOITFORSTATE\_IN\_MARYLAND created, with 552 rows and 18 columns.

335 ;

336 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.02 seconds

cpu time 0.03 seconds

337

338 Proc sql;

339

340 create table DoltForState\_In\_Massachusetts as

341

342 SELECT \*

343

344 From Work.CALL

345

346 Where STID = 21;

NOTE: Table WORK.DOITFORSTATE\_IN\_MASSACHUSETTS created, with 541 rows and 18 columns.

347 ;

348 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.02 seconds
cpu time	0.03 seconds

349

350

351 Proc sql;

352

353 create table DoltForState\_In\_Michigan as

354

355 SELECT \*

356

357 From Work.CALL

358

359 Where STID = 22;

NOTE: Table WORK.DOITFORSTATE\_IN\_MICHIGAN created, with 2774 rows and 18 columns.

360 ;

361 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.02 seconds
cpu time	0.03 seconds

362

363 Proc sql;

364

365 create table DoltForState\_In\_Minnesota as

366

367 SELECT \*

368

369 From Work.CALL

370

371 Where STID = 23;

NOTE: Table WORK.DOITFORSTATE\_IN\_MINNESOTA created, with 535 rows and 18 columns.

372 ;

373 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.02 seconds
cpu time	0.03 seconds

```
374
375 Proc sql;
376
377 create table DoltForState_In_Mississippi as
378
379 SELECT *
380
381 From Work.CALL
```

```
382
```

```
383 Where STID = 24;
```

NOTE: Table WORK.DOITFORSTATE\_IN\_MISSISSIPPI created, with 524 rows and 18 columns.

```
384 ;
```

```
385 Quit;
```

NOTE: PROCEDURE SQL used (Total process time):

real time	0.03 seconds
-----------	--------------

cpu time	0.03 seconds
----------	--------------

```
386
```

```
387 Proc sql;
```

```
388
```

```
389 create table DoltForState_In_Missouri as
```

```
390
```

```
391 SELECT *
```

```
392
```

```
393 From Work.CALL
```

```
394
```

```
395 Where STID = 25;
```

NOTE: Table WORK.DOITFORSTATE\_IN\_MISSOURI created, with 1707 rows and 18 columns.

```
396 ;
```

```
397 Quit;
```

NOTE: PROCEDURE SQL used (Total process time):

real time	0.03 seconds
-----------	--------------

cpu time	0.01 seconds
----------	--------------

```
398
```

```
399 Proc sql;
```

```
400
```

```
401 create table DoltForState_In_Montana as
```

402

403 SELECT \*

404

405 From Work.CALL

406

407 Where STID = 26;

NOTE: Table WORK.DOITFORSTATE\_IN\_MONTANA created, with 847 rows and 18 columns.

408 ;

409 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

410

411 Proc sql;

412

413 create table DoltForState\_In\_Nebraska as

414

415 SELECT \*

416

417 From Work.CALL

418

419 Where STID = 27;

NOTE: Table WORK.DOITFORSTATE\_IN\_NEBRASKA created, with 872 rows and 18 columns.

420 ;

421 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.15 seconds

cpu time 0.03 seconds

422

423 Proc sql;

424

425 create table DoltForState\_In\_Nevada as

426

427 SELECT \*

428

429 From Work.CALL

430

431 Where STID = 28;

NOTE: Table WORK.DOITFORSTATE\_IN\_NEVADA created, with 1692 rows and 18 columns.

432 ;

433 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.02 seconds

cpu time 0.01 seconds

434

435

436 Proc sql;

437

438 create table DoltForState\_In\_New\_Hampshire as

439

440 SELECT \*

441

442 From Work.CALL

443

444 Where STID = 29;

NOTE: Table WORK.DOITFORSTATE\_IN\_NEW\_HAMPSHIRE created, with 290 rows and 18 columns.

445 ;

446 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.02 seconds

cpu time 0.01 seconds

447

448 Proc sql;

449

450 create table DoltForState\_In\_New\_Jersey as

451

452 SELECT \*

453

454 From Work.CALL

455

456 Where STID = 30;

NOTE: Table WORK.DOITFORSTATE\_IN\_NEW\_JERSEY created, with 574 rows and 18 columns.

457 ;

458 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.05 seconds
cpu time	0.03 seconds

459

460 Proc sql;

461

462 create table DoltForState\_In\_New\_Mexico as

463

464 SELECT \*

465

466 From Work.CALL

467

468 Where STID = 31;

NOTE: Table WORK.DOITFORSTATE\_IN\_NEW\_MEXICO created, with 1147 rows and 18 columns.

469 ;

470 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.02 seconds
cpu time	0.01 seconds

471

472 Proc sql;

473

474 create table DoltForState\_In\_New\_York as

475

476 SELECT \*

477

478 From Work.CALL

479

480 Where STID = 32;

NOTE: Table WORK.DOITFORSTATE\_IN\_NEW\_YORK created, with 840 rows and 18 columns.

481 ;

482 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.01 seconds

```
483
484 Proc sql;
485
486 create table DoltForState_In_North_Carolina as
487
488 SELECT *
489
490 From Work.CALL
491
492 Where STID = 33;
```

NOTE: Table WORK.DOITFORSTATE\_IN\_NORTH\_CAROLINA created, with 1359 rows and 18 columns.

```
493 ;
494 Quit;
NOTE: PROCEDURE SQL used (Total process time):
      real time      0.02 seconds
      cpu time       0.03 seconds
```

```
495
496 Proc sql;
497
498 create table DoltForState_In_North_Dakota as
499
500 SELECT *
501
502 From Work.CALL
503
504 Where STID = 34;
```

NOTE: Table WORK.DOITFORSTATE\_IN\_NORTH\_DAKOTA created, with 574 rows and 18 columns.

```
505 ;
506 Quit;
NOTE: PROCEDURE SQL used (Total process time):
      real time      0.02 seconds
      cpu time       0.03 seconds
```

```
507
508 Proc sql;
```



509  
510 create table DoltForState\_In\_Ohio as  
511  
512 SELECT \*  
513  
514 From Work.CALL  
515  
516 Where STID = 35;

NOTE: Table WORK.DOITFORSTATE\_IN\_OHIO created, with 271 rows and 18 columns.

517 ;  
518 Quit;  
NOTE: PROCEDURE SQL used (Total process time):  
    real time        0.02 seconds  
    cpu time         0.01 seconds

519  
520 Proc sql;  
521  
522 create table DoltForState\_In\_Oklahoma as  
523  
524 SELECT \*  
525  
526 From Work.CALL  
527  
528 Where STID = 36;

NOTE: Table WORK.DOITFORSTATE\_IN\_OKLAHOMA created, with 1446 rows and 18 columns.

529 ;  
530 Quit;  
NOTE: PROCEDURE SQL used (Total process time):  
    real time        0.02 seconds  
    cpu time         0.03 seconds

531  
532  
533 Proc sql;  
534  
535 create table DoltForState\_In\_Oregon as  
536  
537 SELECT \*

538  
539 From Work.CALL  
540  
541 Where STID = 37;  
NOTE: Table WORK.DOITFORSTATE\_IN\_OREGON created, with 1081 rows and 18 columns.

542 ;  
543 Quit;  
NOTE: PROCEDURE SQL used (Total process time):  
    real time        0.02 seconds  
    cpu time          0.03 seconds

544  
545 Proc sql;  
546  
547 create table DoltForState\_In\_Pennsylvania as  
548  
549 SELECT \*  
550  
551 From Work.CALL  
552  
553 Where STID = 38;  
NOTE: Table WORK.DOITFORSTATE\_IN\_PENNSYLVANIA created, with 1128 rows and 18 columns.

554 ;  
555 Quit;  
NOTE: PROCEDURE SQL used (Total process time):  
    real time        0.02 seconds  
    cpu time          0.01 seconds

556  
557 Proc sql;  
558  
559 create table DoltForState\_In\_Rhode\_Island as  
560  
561 SELECT \*  
562  
563 From Work.CALL  
564  
565 Where STID = 39;

NOTE: Table WORK.DOITFORSTATE\_IN\_RHODE\_ISLAND created, with 1412 rows and 18 columns.

566 ;

567 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.02 seconds

cpu time 0.01 seconds

568

569 Proc sql;

570

571 create table DoltForState\_In\_South\_Carolina as

572

573 SELECT \*

574

575 From Work.CALL

576

577 Where STID = 40;

NOTE: Table WORK.DOITFORSTATE\_IN\_SOUTH\_CAROLINA created, with 2246 rows and 18 columns.

578 ;

579 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.02 seconds

cpu time 0.00 seconds

580

581 Proc sql;

582

583 create table DoltForState\_In\_South\_Dakota as

584

585 SELECT \*

586

587 From Work.CALL

588

589 Where STID = 41;

NOTE: Table WORK.DOITFORSTATE\_IN\_SOUTH\_DAKOTA created, with 267 rows and 18 columns.

590 ;

591 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.02 seconds
cpu time	0.03 seconds

592

593 Proc sql;

594

595 create table DoltForState\_In\_Tennessee as

596

597 SELECT \*

598

599 From Work.CALL

600

601 Where STID = 42;

NOTE: Table WORK.DOITFORSTATE\_IN\_TENNESSEE created, with 1087 rows and 18 columns.

602 ;

603 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.01 seconds

604

605 Proc sql;

606

607 create table DoltForState\_In\_Texas as

608

609 SELECT \*

610

611 From Work.CALL

612

613 Where STID = 43;

NOTE: Table WORK.DOITFORSTATE\_IN\_TEXAS created, with 255 rows and 18 columns.

614 ;

615 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.02 seconds
cpu time	0.01 seconds

```
616
617
618 Proc sql;
619
620 create table DoltForState_In_Utah as
621
622 SELECT *
623
624 From Work.CALL
625
626 Where STID = 44;
```

NOTE: Table WORK.DOITFORSTATE\_IN\_UTAH created, with 1076 rows and 18 columns.

```
627 ;
628 Quit;
NOTE: PROCEDURE SQL used (Total process time):
      real time      0.02 seconds
      cpu time       0.03 seconds
```

```
629
630 Proc sql;
631
632 create table DoltForState_In_Vermont as
633
634 SELECT *
635
636 From Work.CALL
637
638 Where STID = 45;
```

NOTE: Table WORK.DOITFORSTATE\_IN\_VERMONT created, with 1112 rows and 18 columns.

```
639 ;
640 Quit;
NOTE: PROCEDURE SQL used (Total process time):
      real time      0.02 seconds
      cpu time       0.01 seconds
```

```
641
642
643 Proc sql;
644
```

645 create table DoltForState\_In\_Virginia as

646

647 SELECT \*

648

649 From Work.CALL

650

651 Where STID = 46;

NOTE: Table WORK.DOITFORSTATE\_IN\_VIRGINIA created, with 1174 rows and 18 columns.

652 ;

653 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.02 seconds

cpu time 0.03 seconds

654

655 Proc sql;

656

657 create table DoltForState\_In\_Washington as

658

659 SELECT \*

660

661 From Work.CALL

662

663 Where STID = 47;

NOTE: Table WORK.DOITFORSTATE\_IN\_WASHINGTON created, with 1937 rows and 18 columns.

664 ;

665 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.02 seconds

cpu time 0.03 seconds

666

667 Proc sql;

668

669 create table DoltForState\_In\_West\_Virginia as

670

671 SELECT \*

672

673 From Work.CALL

674

675 Where STID = 48;

NOTE: Table WORK.DOITFORSTATE\_IN\_WEST\_VIRGINIA created, with 836 rows and 18 columns.

676 ;

677 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.02 seconds
-----------	--------------

cpu time	0.03 seconds
----------	--------------

678

679 Proc sql;

680

681 create table DoltForState\_In\_Wisconsin as

682

683 SELECT \*

684

685 From Work.CALL

686

687 Where STID = 49;

NOTE: Table WORK.DOITFORSTATE\_IN\_WISCONSIN created, with 841 rows and 18 columns.

688 ;

689 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.02 seconds
-----------	--------------

cpu time	0.01 seconds
----------	--------------

690

691 Proc sql;

692

693 create table DoltForState\_In\_Wyoming as

694

695 SELECT \*

696

697 From Work.CALL

698

699 Where STID = 50;

NOTE: Table WORK.DOITFORSTATE\_IN\_WYOMING created, with 1400 rows and 18 columns.

700 ;  
701 Quit;  
NOTE: PROCEDURE SQL used (Total process time):

real time	0.02 seconds
cpu time	0.01 seconds

702  
703 Proc sql;  
704  
705 create table DoltForState\_In\_DC as  
706  
707 SELECT \*  
708  
709 From Work.CALL  
710  
711 Where STID = 51;

NOTE: Table WORK.DOITFORSTATE\_IN\_DC created, with 535 rows and 18 columns.

712 ;  
713 quit;  
NOTE: PROCEDURE SQL used (Total process time):

real time	0.02 seconds
cpu time	0.00 seconds

714  
715  
716  
717  
718  
719 Proc sql;  
720  
721 create table TotalSales\_In\_Alabama as  
722  
723 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID  
724  
725 From Work.DoltForState\_In\_Alabama  
726  
727  
728 ;

NOTE: Table WORK.TOTALSALES\_IN\_ALABAMA created, with 1 rows and 1 columns.

729 quit;



NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.01 seconds

730

731 Proc sql;

732

733 create table TotalSales\_In\_Alaska as

734

735 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

736

737 From Work.DoltForState\_In\_Alaska

738

739

740 ;

NOTE: Table WORK.TOTALSALES\_IN\_ALASKA created, with 1 rows and 1 columns.

741 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.01 seconds

742

743

744

745 Proc sql;

746

747 create table TotalSales\_In\_Arizona as

748

749 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

750

751 From Work.DoltForState\_In\_Arizona

752

753

754 ;

NOTE: Table WORK.TOTALSALES\_IN\_ARIZONA created, with 1 rows and 1 columns.

755 quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.01 seconds

```
756
757 Proc sql;
758
759 create table TotalSales_In_Arkansas as
760
761 SELECT sum(quantity) as Total_Sum_by_State_ID
762
763 From Work.DoltForState_In_Arkansas
764
765
766 ;
```

NOTE: Table WORK.TOTALSALES\_IN\_ARKANSAS created, with 1 rows and 1 columns.

```
767 Quit;
NOTE: PROCEDURE SQL used (Total process time):
      real time      0.01 seconds
      cpu time       0.00 seconds
```

```
768
769
770
771 Proc sql;
772
773 create table TotalSales_In_California as
774
775 SELECT sum(quantity) as Total_Sum_by_State_ID
776
777 From Work.DoltForState_In_California
778
779
780 ;
```

NOTE: Table WORK.TOTALSALES\_IN\_CALIFORNIA created, with 1 rows and 1 columns.

```
781 quit;
NOTE: PROCEDURE SQL used (Total process time):
      real time      0.01 seconds
      cpu time       0.01 seconds
```

```
782
783 Proc sql;
784
```

```
785 create table TotalSales_In_Colorado as
786
787 SELECT sum(quantity) as Total_Sum_by_State_ID
788
789 From Work.DoltForState_In_Colorado
790
791
792 ;
```

NOTE: Table WORK.TOTALSALES\_IN\_COLORADO created, with 1 rows and 1 columns.

```
793 Quit;
```

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.01 seconds

```
794
795 Proc sql;
796
797 create table TotalSales_In_Connecticut as
798
799 SELECT sum(quantity) as Total_Sum_by_State_ID
800
801 From Work.DoltForState_In_Connecticut
802
803
804 ;
```

NOTE: Table WORK.TOTALSALES\_IN\_CONNECTICUT created, with 1 rows and 1 columns.

```
805 Quit;
```

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.01 seconds

```
806
807 Proc sql;
808
809 create table TotalSales_In_Delaware as
810
811 SELECT sum(quantity) as Total_Sum_by_State_ID
812
813 From Work.DoltForState_In_Delaware
814
```

815

816 ;

NOTE: Table WORK.TOTALSALES\_IN\_DELAWARE created, with 1 rows and 1 columns.

817 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

818

819 Proc sql;

820

821 create table TotalSales\_In\_Florida as

822

823 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

824

825 From Work.DoltForState\_In\_Florida

826

827

828 ;

NOTE: Table WORK.TOTALSALES\_IN\_FLORIDA created, with 1 rows and 1 columns.

829 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

830

831 Proc sql;

832

833 create table TotalSales\_In\_Georgia as

834

835 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

836

837 From Work.DoltForState\_In\_Georgia

838

839

840 ;

NOTE: Table WORK.TOTALSALES\_IN\_GEORGIA created, with 1 rows and 1 columns.

841 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.01 seconds

```
842
843 Proc sql;
844
845 create table TotalSales_In_Hawaii as
846
847 SELECT sum(quantity) as Total_Sum_by_State_ID
848
849 From Work.DoltForState_In_Hawaii
850
851
852 ;
```

NOTE: Table WORK.TOTALSALES\_IN\_HAWAII created, with 1 rows and 1 columns.

```
853 quit;
NOTE: PROCEDURE SQL used (Total process time):
```

real time	0.01 seconds
cpu time	0.01 seconds

```
854
855
856 Proc sql;
857
858 create table TotalSales_In_Idaho as
859
860 SELECT sum(quantity) as Total_Sum_by_State_ID
861
862 From Work.DoltForState_In_Idaho
863
864
865 ;
```

NOTE: Table WORK.TOTALSALES\_IN\_IDAHO created, with 1 rows and 1 columns.

```
866 quit;
NOTE: PROCEDURE SQL used (Total process time):
```

real time	0.01 seconds
cpu time	0.01 seconds

```
867
```

```
868 Proc sql;
869
870 create table TotalSales_In_Illinois as
871
872 SELECT sum(quantity) as Total_Sum_by_State_ID
873
874 From Work.DoltForState_In_Illinois
875
876
877 ;
```

NOTE: Table WORK.TOTALSALES\_IN\_ILINOIS created, with 1 rows and 1 columns.

```
878 Quit;
NOTE: PROCEDURE SQL used (Total process time):
      real time      0.01 seconds
      cpu time       0.01 seconds
```

```
879
880 Proc sql;
881
882 create table TotalSales_In_Indiana as
883
884 SELECT sum(quantity) as Total_Sum_by_State_ID
885
886 From Work.DoltForState_In_Indiana
887
888
889 ;
```

NOTE: Table WORK.TOTALSALES\_IN\_INDIANA created, with 1 rows and 1 columns.

```
890 Quit;
NOTE: PROCEDURE SQL used (Total process time):
      real time      0.01 seconds
      cpu time       0.01 seconds
```

```
891
892 Proc sql;
893
894 create table TotalSales_In_Iowa as
895
896 SELECT sum(quantity) as Total_Sum_by_State_ID
897
```

898 From Work.DoltForState\_In\_Iowa

899

900

901 ;

NOTE: Table WORK.TOTALSALES\_IN\_IOWA created, with 1 rows and 1 columns.

902 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.00 seconds

903

904 Proc sql;

905

906 create table TotalSales\_In\_Kansas as

907

908 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

909

910 From Work. DoltForState\_In\_Kansas

911

912

913 ;

NOTE: Table WORK.TOTALSALES\_IN\_KANSAS created, with 1 rows and 1 columns.

914 quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

915

916

917 Proc sql;

918

919 create table TotalSales\_In\_Kentucky as

920

921 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

922

923 From Work.DoltForState\_In\_Kentucky

924

925

926 ;

NOTE: Table WORK.TOTALSALES\_IN\_KENTUCKY created, with 1 rows and 1 columns.

927 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

928

929

930 Proc sql;

931

932 create table TotalSales\_In\_Louisiana as

933

934 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

935

936 From Work. DoltForState\_In\_Louisiana

937

938

939 ;

NOTE: Table WORK.TOTALSALES\_IN\_LOUISIANA created, with 1 rows and 1 columns.

940 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

941

942

943 Proc sql;

944

945 create table TotalSales\_In\_Maine as

946

947 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

948

949 From Work.DoltForState\_In\_Maine

950

951

952 ;

NOTE: Table WORK.TOTALSALES\_IN\_MAINE created, with 1 rows and 1 columns.

953 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds



cpu time          0.00 seconds

```
954
955 Proc sql;
956
957 create table TotalSales_In_Maryland as
958
959 SELECT sum(quantity) as Total_Sum_by_State_ID
960
961 From Work.DoltForState_In_Maryland
962
963
964 ;
```

NOTE: Table WORK.TOTALSALES\_IN\_MARYLAND created, with 1 rows and 1 columns.

```
965 Quit;
NOTE: PROCEDURE SQL used (Total process time):
      real time          0.01 seconds
      cpu time          0.00 seconds
```

```
966
967 Proc sql;
968
969 create table TotalSales_In_Massachusetts as
970
971 SELECT sum(quantity) as Total_Sum_by_State_ID
972
973 From Work.DoltForState_In_Massachusetts
974
975
976 ;
```

NOTE: Table WORK.TOTALSALES\_IN\_MASSACHUSETTS created, with 1 rows and 1 columns.

```
977 Quit;
NOTE: PROCEDURE SQL used (Total process time):
      real time          0.01 seconds
      cpu time          0.01 seconds
```

```
978
979
```

```
980 Proc sql;
981
982 create table TotalSales_In_Michigan as
983
984 SELECT sum(quantity) as Total_Sum_by_State_ID
985
986 From Work.DoltForState_In_Michigan
987
988
989 ;
```

NOTE: Table WORK.TOTALSALES\_IN\_MICHIGAN created, with 1 rows and 1 columns.

```
990 Quit;
NOTE: PROCEDURE SQL used (Total process time):
      real time      0.01 seconds
      cpu time       0.01 seconds
```

```
991
992 Proc sql;
993
994 create table TotalSales_In_Minnesota as
995
996 SELECT sum(quantity) as Total_Sum_by_State_ID
997
998 From Work.DoltForState_In_Minnesota
999
1000
1001 ;
```

NOTE: Table WORK.TOTALSALES\_IN\_MINNESOTA created, with 1 rows and 1 columns.

```
1002 Quit;
NOTE: PROCEDURE SQL used (Total process time):
      real time      0.01 seconds
      cpu time       0.01 seconds
```

```
1003
1004 Proc sql;
1005
1006 create table TotalSales_In_Mississippi as
1007
1008 SELECT sum(quantity) as Total_Sum_by_State_ID
1009
```

1010 From Work.DoltForState\_In\_Mississippi

1011

1012

1013 ;

NOTE: Table WORK.TOTALSALES\_IN\_MISSISSIPPI created, with 1 rows and 1 columns.

1014 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
-----------	--------------

cpu time	0.01 seconds
----------	--------------

1015

1016 Proc sql;

1017

1018 create table TotalSales\_In\_Missouri as

1019

1020 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

1021

1022 From Work. DoltForState\_In\_Missouri

1023

1024

1025 ;

NOTE: Table WORK.TOTALSALES\_IN\_MISSOURI created, with 1 rows and 1 columns.

1026 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
-----------	--------------

cpu time	0.01 seconds
----------	--------------

1027

1028 Proc sql;

1029

1030 create table TotalSales\_In\_Montana as

1031

1032 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

1033

1034 From Work.DoltForState\_In\_Montana

1035

1036

1037 ;

NOTE: Table WORK.TOTALSALES\_IN\_MONTANA created, with 1 rows and 1 columns.

1038 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.00 seconds

1039

1040 Proc sql;

1041

1042 create table TotalSales\_In\_Nebraska as

1043

1044 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

1045

1046 From Work. DoltForState\_In\_Nebraska

1047

1048

1049 ;

NOTE: Table WORK.TOTALSALES\_IN\_NEBRASKA created, with 1 rows and 1 columns.

1050 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.00 seconds

1051

1052 Proc sql;

1053

1054 create table TotalSales\_In\_Nevada as

1055

1056 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

1057

1058 From Work. DoltForState\_In\_Nevada

1059

1060

1061 ;

NOTE: Table WORK.TOTALSALES\_IN\_NEVADA created, with 1 rows and 1 columns.

1062 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.01 seconds

1063  
1064  
1065 Proc sql;  
1066  
1067 create table TotalSales\_In\_New\_Hampshire as  
1068  
1069 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID  
1070  
1071 From Work.DoltForState\_In\_New\_Hampshire  
1072  
1073  
1074 ;  
NOTE: Table WORK.TOTALSALES\_IN\_NEW\_HAMPSHIRE created, with 1 rows and 1  
columns.

1075 Quit;  
NOTE: PROCEDURE SQL used (Total process time):  
    real time        0.01 seconds  
    cpu time          0.01 seconds

1076  
1077 Proc sql;  
1078  
1079 create table TotalSales\_In\_New\_Jersey as  
1080  
1081 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID  
1082  
1083 From Work.DoltForState\_In\_New\_Jersey  
1084  
1085  
1086 ;  
NOTE: Table WORK.TOTALSALES\_IN\_NEW\_JERSEY created, with 1 rows and 1 columns.

1087 Quit;  
NOTE: PROCEDURE SQL used (Total process time):  
    real time        0.01 seconds  
    cpu time          0.01 seconds

1088  
1089 Proc sql;  
1090  
1091 create table TotalSales\_In\_New\_Mexico as

1092  
1093 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID  
1094  
1095 From Work.DoltForState\_In\_New\_Mexico  
1096  
1097  
1098 ;

NOTE: Table WORK.TOTALSALES\_IN\_NEW\_MEXICO created, with 1 rows and 1 columns.

1099 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.01 seconds

1100  
1101 Proc sql;  
1102  
1103 create table TotalSales\_In\_New\_York as  
1104  
1105 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID  
1106  
1107 From Work.DoltForState\_In\_New\_York  
1108  
1109  
1110 ;

NOTE: Table WORK.TOTALSALES\_IN\_NEW\_YORK created, with 1 rows and 1 columns.

1111 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.01 seconds

1112  
1113 Proc sql;  
1114  
1115 create table TotalSales\_In\_North\_Carolina as  
1116  
1117 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID  
1118  
1119 From Work. DoltForState\_In\_North\_Carolina  
1120  
1121

1122 ;

NOTE: Table WORK.TOTALSALES\_IN\_NORTH\_CAROLINA created, with 1 rows and 1 columns.

1123 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.01 seconds

1124

1125 Proc sql;

1126

1127 create table TotalSales\_In\_North\_Dakota as

1128

1129 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

1130

1131 From Work.DoltForState\_In\_North\_Dakota

1132

1133

1134 ;

NOTE: Table WORK.TOTALSALES\_IN\_NORTH\_DAKOTA created, with 1 rows and 1 columns.

1135 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.03 seconds
cpu time	0.00 seconds

1136

1137 Proc sql;

1138

1139 create table TotalSales\_In\_Ohio as

1140

1141 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

1142

1143 From Work.DoltForState\_In\_Ohio

1144

1145

1146 ;

NOTE: Table WORK.TOTALSALES\_IN\_OHIO created, with 1 rows and 1 columns.

1147 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.00 seconds

1148

1149 Proc sql;

1150

1151 create table TotalSales\_In\_Oklahoma as

1152

1153 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

1154

1155 From Work.DoltForState\_In\_Oklahoma

1156

1157

1158 ;

NOTE: Table WORK.TOTALSALES\_IN\_OKLAHOMA created, with 1 rows and 1 columns.

1159 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.00 seconds

1160

1161

1162 Proc sql;

1163

1164 create table TotalSales\_In\_Oregon as

1165

1166 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

1167

1168 From Work.DoltForState\_In\_Oregon

1169

1170

1171 ;

NOTE: Table WORK.TOTALSALES\_IN\_OREGON created, with 1 rows and 1 columns.

1172 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.01 seconds

1173



```
1174 Proc sql;
1175
1176 create table TotalSales_In_Pennsylvania as
1177
1178 SELECT sum(quantity) as Total_Sum_by_State_ID
1179
1180 From Work.DoltForState_In_Pennsylvania
1181
1182
1183 ;
```

NOTE: Table WORK.TOTALSALES\_IN\_PENNSYLVANIA created, with 1 rows and 1 columns.

```
1184 Quit;
NOTE: PROCEDURE SQL used (Total process time):
      real time      0.01 seconds
      cpu time       0.01 seconds
```

```
1185
1186 Proc sql;
1187
1188 create table TotalSales_In_Rhode_Island as
1189
1190 SELECT sum(quantity) as Total_Sum_by_State_ID
1191
1192 From Work.DoltForState_In_Rhode_Island
1193
1194
1195 ;
```

NOTE: Table WORK.TOTALSALES\_IN\_RHODE\_ISLAND created, with 1 rows and 1 columns.

```
1196 Quit;
NOTE: PROCEDURE SQL used (Total process time):
      real time      0.01 seconds
      cpu time       0.01 seconds
```

```
1197
1198 Proc sql;
1199
1200 create table TotalSales_In_South_Carolina as
1201
1202 SELECT sum(quantity) as Total_Sum_by_State_ID
1203
```

1204 From Work.DoltForState\_In\_South\_Carolina

1205

1206

1207 ;

NOTE: Table WORK.TOTALSALES\_IN\_SOUTH\_CAROLINA created, with 1 rows and 1 columns.

1208 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.00 seconds
-----------	--------------

cpu time	0.01 seconds
----------	--------------

1209

1210 Proc sql;

1211

1212 create table TotalSales\_In\_South\_Dakota as

1213

1214 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

1215

1216 From Work.DoltForState\_In\_South\_Dakota

1217

1218

1219 ;

NOTE: Table WORK.TOTALSALES\_IN\_SOUTH\_DAKOTA created, with 1 rows and 1 columns.

1220 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.00 seconds
-----------	--------------

cpu time	0.01 seconds
----------	--------------

1221

1222 Proc sql;

1223

1224 create table TotalSales\_In\_Tennessee as

1225

1226 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

1227

1228 From Work.DoltForState\_In\_Tennessee

1229

1230

1231 ;

NOTE: Table WORK.TOTALSALES\_IN\_TENNESSEE created, with 1 rows and 1 columns.

1232 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

1233

1234 Proc sql;

1235

1236 create table TotalSales\_In\_Texas as

1237

1238 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

1239

1240 From Work.DoltForState\_In\_Texas

1241

1242

1243 ;

NOTE: Table WORK.TOTALSALES\_IN\_TEXAS created, with 1 rows and 1 columns.

1244 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.00 seconds

cpu time 0.01 seconds

1245

1246

1247 Proc sql;

1248

1249 create table TotalSales\_In\_Utah as

1250

1251 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

1252

1253 From Work.DoltForState\_In\_Utah

1254

1255

1256 ;

NOTE: Table WORK.TOTALSALES\_IN\_UTAH created, with 1 rows and 1 columns.

1257 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.00 seconds

cpu time 0.01 seconds

1258  
1259 Proc sql;  
1260  
1261 create table TotalSales\_In\_Vermont as  
1262  
1263 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID  
1264  
1265 From Work.DoltForState\_In\_Vermont  
1266  
1267  
1268 ;

NOTE: Table WORK.TOTALSALES\_IN\_VERMONT created, with 1 rows and 1 columns.

1269 Quit;  
NOTE: PROCEDURE SQL used (Total process time):  
    real time        0.01 seconds  
    cpu time         0.01 seconds

1270  
1271  
1272 Proc sql;  
1273  
1274 create table TotalSales\_In\_Virginia as  
1275  
1276 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID  
1277  
1278 From Work.DoltForState\_In\_Virginia  
1279  
1280  
1281 ;

NOTE: Table WORK.TOTALSALES\_IN\_VIRGINIA created, with 1 rows and 1 columns.

1282 Quit;  
NOTE: PROCEDURE SQL used (Total process time):  
    real time        0.01 seconds  
    cpu time         0.01 seconds

1283  
1284 Proc sql;  
1285

1286 create table TotalSales\_In\_Washington as  
1287  
1288 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID  
1289  
1290 From Work.DoltForState\_In\_Washington  
1291  
1292  
1293 ;

NOTE: Table WORK.TOTALSALES\_IN\_WASHINGTON created, with 1 rows and 1 columns.

1294 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.01 seconds

1295  
1296 Proc sql;  
1297  
1298 create table TotalSales\_In\_West\_Virginia as  
1299  
1300 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID  
1301  
1302 From Work.DoltForState\_In\_West\_Virginia  
1303  
1304  
1305 ;

NOTE: Table WORK.TOTALSALES\_IN\_WEST\_VIRGINIA created, with 1 rows and 1 columns.

1306 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.01 seconds

1307  
1308 Proc sql;  
1309  
1310 create table TotalSales\_In\_Wisconsin as  
1311  
1312 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID  
1313  
1314 From Work. DoltForState\_In\_Wisconsin  
1315

1316

1317 ;

NOTE: Table WORK.TOTALSALES\_IN\_WISCONSIN created, with 1 rows and 1 columns.

1318 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

1319

1320 Proc sql;

1321

1322 create table TotalSales\_In\_Wyoming as

1323

1324 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

1325

1326 From Work.DoltForState\_In\_Wyoming

1327

1328

1329 ;

NOTE: Table WORK.TOTALSALES\_IN\_WYOMING created, with 1 rows and 1 columns.

1330 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

1331

1332 Proc sql;

1333

1334 create table TotalSales\_In\_DC as

1335

1336 SELECT sum(quantity) as Total\_Sum\_by\_State\_ID

1337

1338 From Work.DoltForState\_In\_DC

1339

1340

1341 ;

NOTE: Table WORK.TOTALSALES\_IN\_DC created, with 1 rows and 1 columns.

1342 quit;

NOTE: PROCEDURE SQL used (Total process time):

real time        0.01 seconds  
cpu time        0.00 seconds

```
1343
1344 data Work.Sum1_of_Sales_by_State_ID;
1345
1346 set TotalSales_In_Alabama TotalSales_In_Alaska TotalSales_In_Arizona
TotalSales_In_Arkansas
1346! TotalSales_In_California TotalSales_In_Colorado TotalSales_In_Connecticut
TotalSales_In_Delaware
1346! TotalSales_In_Florida TotalSales_In_Georgia TotalSales_In_Hawaii TotalSales_In_Idaho
1346! TotalSales_In_Illinois TotalSales_In_Indiana TotalSales_In_Iowa TotalSales_In_Kansas
1346! TotalSales_In_Kentucky TotalSales_In_Louisiana TotalSales_In_Maine
TotalSales_In_Maryland
1346! TotalSales_In_Massachusetts TotalSales_In_Michigan TotalSales_In_Minnesota
TotalSales_In_Mississippi
1346! TotalSales_In_Missouri TotalSales_In_Montana TotalSales_In_Nebraska
TotalSales_In_Nevada
1346! TotalSales_In_New_Hampshire TotalSales_In_New_Jersey TotalSales_In_New_Mexico
TotalSales_In_New_York
1346! TotalSales_In_North_Carolina TotalSales_In_North_Dakota TotalSales_In_Ohio
TotalSales_In_Oklahoma
1346! TotalSales_In_Oregon TotalSales_In_Pennsylvania TotalSales_In_Rhode_Island
TotalSales_In_South_Carolina
1346! TotalSales_In_South_Dakota TotalSales_In_Tennessee TotalSales_In_Texas
TotalSales_In_Utah
1346! TotalSales_In_Vermont TotalSales_In_Virginia TotalSales_In_Washington
TotalSales_In_West_Virginia
1346! TotalSales_In_Wisconsin TotalSales_In_Wyoming TotalSales_In_DC;
1347 run;
```

NOTE: There were 1 observations read from the data set WORK.TOTALSALES\_IN\_ALABAMA.

NOTE: There were 1 observations read from the data set WORK.TOTALSALES\_IN\_ALASKA.

NOTE: There were 1 observations read from the data set WORK.TOTALSALES\_IN\_ARIZONA.

NOTE: There were 1 observations read from the data set  
WORK.TOTALSALES\_IN\_ARKANSAS.

NOTE: There were 1 observations read from the data set  
WORK.TOTALSALES\_IN\_CALIFORNIA.

NOTE: There were 1 observations read from the data set  
WORK.TOTALSALES\_IN\_COLORADO.

NOTE: There were 1 observations read from the data set  
WORK.TOTALSALES\_IN\_CONNECTICUT.

NOTE: There were 1 observations read from the data set  
WORK.TOTALSALES\_IN\_DELAWARE.

NOTE: There were 1 observations read from the data set WORK.TOTALSALES\_IN\_FLORIDA.

NOTE: There were 1 observations read from the data set WORK.TOTALSALES\_IN\_GEORGIA.

NOTE: There were 1 observations read from the data set WORK.TOTALSALES\_IN\_HAWAII.

NOTE: There were 1 observations read from the data set WORK.TOTALSALES\_IN\_IDAHO.

NOTE: There were 1 observations read from the data set WORK.TOTALSALES\_IN\_ILINOIS.

NOTE: There were 1 observations read from the data set WORK.TOTALSALES\_IN\_INDIANA.

NOTE: There were 1 observations read from the data set WORK.TOTALSALES\_IN\_IOWA.

NOTE: There were 1 observations read from the data set WORK.TOTALSALES\_IN\_KANSAS.

NOTE: There were 1 observations read from the data set  
WORK.TOTALSALES\_IN\_KENTUCKY.

NOTE: There were 1 observations read from the data set  
WORK.TOTALSALES\_IN\_LOUISIANA.

NOTE: There were 1 observations read from the data set WORK.TOTALSALES\_IN\_MAINE.

NOTE: There were 1 observations read from the data set  
WORK.TOTALSALES\_IN\_MARYLAND.

NOTE: There were 1 observations read from the data set  
WORK.TOTALSALES\_IN\_MASSACHUSETTS.

NOTE: There were 1 observations read from the data set  
WORK.TOTALSALES\_IN\_MICHIGAN.

NOTE: There were 1 observations read from the data set  
WORK.TOTALSALES\_IN\_MINNESOTA.

NOTE: There were 1 observations read from the data set  
WORK.TOTALSALES\_IN\_MISSISSIPPI.

NOTE: There were 1 observations read from the data set  
WORK.TOTALSALES\_IN\_MISSOURI.

NOTE: There were 1 observations read from the data set WORK.TOTALSALES\_IN\_MONTANA.

NOTE: There were 1 observations read from the data set  
WORK.TOTALSALES\_IN\_NEBRASKA.

NOTE: There were 1 observations read from the data set WORK.TOTALSALES\_IN\_NEVADA.

NOTE: There were 1 observations read from the data set  
WORK.TOTALSALES\_IN\_NEW\_HAMPSHIRE.

NOTE: There were 1 observations read from the data set  
WORK.TOTALSALES\_IN\_NEW\_JERSEY.

NOTE: There were 1 observations read from the data set  
WORK.TOTALSALES\_IN\_NEW\_MEXICO.

NOTE: There were 1 observations read from the data set  
WORK.TOTALSALES\_IN\_NEW\_YORK.

NOTE: There were 1 observations read from the data set  
WORK.TOTALSALES\_IN\_NORTH\_CAROLINA.

NOTE: There were 1 observations read from the data set  
WORK.TOTALSALES\_IN\_NORTH\_DAKOTA.

NOTE: There were 1 observations read from the data set WORK.TOTALSALES\_IN\_OHIO.



NOTE: There were 1 observations read from the data set  
WORK.TOTALSALES\_IN\_OKLAHOMA.

NOTE: There were 1 observations read from the data set WORK.TOTALSALES\_IN\_OREGON.

NOTE: There were 1 observations read from the data set  
WORK.TOTALSALES\_IN\_PENNSYLVANIA.

NOTE: There were 1 observations read from the data set  
WORK.TOTALSALES\_IN\_RHODE\_ISLAND.

NOTE: There were 1 observations read from the data set  
WORK.TOTALSALES\_IN\_SOUTH\_CAROLINA.

NOTE: There were 1 observations read from the data set  
WORK.TOTALSALES\_IN\_SOUTH\_DAKOTA.

NOTE: There were 1 observations read from the data set  
WORK.TOTALSALES\_IN\_TENNESSEE.

NOTE: There were 1 observations read from the data set WORK.TOTALSALES\_IN\_TEXAS.

NOTE: There were 1 observations read from the data set WORK.TOTALSALES\_IN\_UTAH.

NOTE: There were 1 observations read from the data set WORK.TOTALSALES\_IN\_VERMONT.

NOTE: There were 1 observations read from the data set WORK.TOTALSALES\_IN\_VIRGINIA.

NOTE: There were 1 observations read from the data set  
WORK.TOTALSALES\_IN\_WASHINGTON.

NOTE: There were 1 observations read from the data set  
WORK.TOTALSALES\_IN\_WEST\_VIRGINIA.

NOTE: There were 1 observations read from the data set  
WORK.TOTALSALES\_IN\_WISCONSIN.

NOTE: There were 1 observations read from the data set  
WORK.TOTALSALES\_IN\_WYOMING.

NOTE: There were 1 observations read from the data set WORK.TOTALSALES\_IN\_DC.

NOTE: The data set WORK.SUM1\_OF\_SALES\_BY\_STATE\_ID has 51 observations and 1  
variables.

NOTE: DATA statement used (Total process time):

real time	0.15 seconds
cpu time	0.06 seconds

1348

1349

1350

1351

1352 Proc sql;

1353

1354 create table Billing\_In\_Alabama as

1355

1356 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

1357

1358 FROM DoltForState\_In\_Alabama

1359

1360

1361 ;

NOTE: Table WORK.BILLING\_IN\_ALABAMA created, with 753 rows and 1 columns.

1362 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

1363 Proc sql;

1364

1365 create table TotalBilling\_In\_Alabama as

1366

1367 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

1368

1369 From Work.Billing\_In\_Alabama

1370

1371

1372 ;

NOTE: Table WORK.TOTALBILLING\_IN\_ALABAMA created, with 1 rows and 1 columns.

1373 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

1374

1375 Proc sql;

1376

1377 create table Billing\_In\_Alaska as

1378

1379 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

1380

1381 FROM DoltForState\_In\_Alaska

1382

1383

1384 ;

NOTE: Table WORK.BILLING\_IN\_ALASKA created, with 836 rows and 1 columns.

1385 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.01 seconds

```
1386 Proc sql;
1387
1388 create table TotalBilling_In_Alaska as
1389
1390 SELECT sum(_TEMA001) as TotalBilling_BY_StateID
1391
1392 From Work.Billing_In_Alaska
1393
1394
1395 ;
```

NOTE: Table WORK.TOTALBILLING\_IN\_ALASKA created, with 1 rows and 1 columns.

```
1396 Quit;
```

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.01 seconds

```
1397
1398 Proc sql;
1399
1400 create table Billing_In_Arizona as
1401
1402 SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)
1403
1404 FROM DoltForState_In_Arizona
1405
1406
1407 ;
```

NOTE: Table WORK.BILLING\_IN\_ARIZONA created, with 272 rows and 1 columns.

```
1408 Quit;
```

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.01 seconds

```
1409 Proc sql;
1410
1411 create table TotalBilling_In_Arizona as
```

1412

1413 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

1414

1415 From Work.Billing\_In\_Arizona

1416

1417

1418 ;

NOTE: Table WORK.TOTALBILLING\_IN\_ARIZONA created, with 1 rows and 1 columns.

1419 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

1420

1421

1422

1423

1424 Proc sql;

1425

1426 create table Billing\_In\_Arkansas as

1427

1428 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate) FROM  
DoltForState\_In\_Arkansas

1429

1430

1431 ;

NOTE: Table WORK.BILLING\_IN\_ARKANSAS created, with 1334 rows and 1 columns.

1432 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.00 seconds

1433 Proc sql;

1434

1435 create table TotalBilling\_In\_Arkansas as

1436

1437 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

1438

1439 From Work.Billing\_In\_Arkansas

1440

1441

1442 ;

NOTE: Table WORK.TOTALBILLING\_IN\_ARKANSAS created, with 1 rows and 1 columns.

1443 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.00 seconds

1444

1445

1446

1447 Proc sql;

1448

1449 create table Billing\_In\_California as

1450

1451 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate) FROM  
DoltForState\_In\_California

1452

1453

1454 ;

NOTE: Table WORK.BILLING\_IN\_CALIFORNIA created, with 1660 rows and 1 columns.

1455 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

1456 Proc sql;

1457

1458 create table TotalBilling\_In\_California as

1459

1460 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

1461

1462 From Work.Billing\_In\_California

1463

1464

1465 ;

NOTE: Table WORK.TOTALBILLING\_IN\_CALIFORNIA created, with 1 rows and 1 columns.

1466 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.01 seconds

1467

1468 Proc sql;

1469

1470 create table Billing\_In\_Colorado as

1471

1472 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate) FROM  
DoltForState\_In\_Colorado

1473

1474

1475 ;

NOTE: Table WORK.BILLING\_IN\_COLORADO created, with 1403 rows and 1 columns.

1476 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.01 seconds

1477 Proc sql;

1478

1479 create table TotalBilling\_In\_Colorado as

1480

1481 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

1482

1483 From Work.Billing\_In\_Colorado

1484

1485

1486 ;

NOTE: Table WORK.TOTALBILLING\_IN\_COLORADO created, with 1 rows and 1 columns.

1487 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.00 seconds

1488

1489

1490 Proc sql;

1491

1492 create table Billing\_In\_Connecticut as

1493

1494 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate) FROM  
DoltForState\_In\_Connecticut

1495

1496

1497 ;

NOTE: Table WORK.BILLING\_IN\_CONNECTICUT created, with 831 rows and 1 columns.

1498 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

1499 Proc sql;

1500

1501 create table TotalBilling\_In\_Connecticut as

1502

1503 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

1504

1505 From Work.Billing\_In\_Connecticut

1506

1507

1508 ;

NOTE: Table WORK.TOTALBILLING\_IN\_CONNECTICUT created, with 1 rows and 1 columns.

1509 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

1510

1511

1512 Proc sql;

1513

1514 create table Billing\_In\_Delaware as

1515

1516 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate) FROM  
DoltForState\_In\_Delaware

1517

1518

1519 ;

NOTE: Table WORK.BILLING\_IN\_DELAWARE created, with 1644 rows and 1 columns.

1520 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

1521 Proc sql;

1522

1523 create table TotalBilling\_In\_Delaware as

1524

1525 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

1526

1527 From Work.Billing\_In\_Delaware

1528

1529

1530 ;

NOTE: Table WORK.TOTALBILLING\_IN\_DELAWARE created, with 1 rows and 1 columns.

1531 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

1532

1533 Proc sql;

1534

1535 create table Billing\_In\_Florida as

1536

1537 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

1538 FROM DoltForState\_In\_Florida

1539

1540

1541 ;

NOTE: Table WORK.BILLING\_IN\_FLORIDA created, with 1101 rows and 1 columns.

1542 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds



```
1543 Proc sql;
1544
1545 create table TotalBilling_In_Florida as
1546
1547 SELECT sum(_TEMA001) as TotalBilling_BY_StateID
1548
1549 From Work.Billing_In_Florida
1550
1551
1552 ;
```

NOTE: Table WORK.TOTALBILLING\_IN\_FLORIDA created, with 1 rows and 1 columns.

```
1553 Quit;
```

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.01 seconds

```
1554
1555
1556
1557 Proc sql;
1558
1559 create table Billing_In_Georgia as
1560
1561 SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)
1562 FROM DoltForState_In_Georgia
1563
1564
1565 ;
```

NOTE: Table WORK.BILLING\_IN\_GEORGIA created, with 860 rows and 1 columns.

```
1566 Quit;
```

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.01 seconds

```
1567 Proc sql;
1568
1569 create table TotalBilling_In_Georgia as
1570
1571 SELECT sum(_TEMA001) as TotalBilling_BY_StateID
1572
```

1573 From Work.Billing\_In\_Georgia

1574

1575

1576 ;

NOTE: Table WORK.TOTALBILLING\_IN\_GEORGIA created, with 1 rows and 1 columns.

1577 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
-----------	--------------

cpu time	0.01 seconds
----------	--------------

1578

1579 Proc sql;

1580

1581 create table Billing\_In\_Hawaii as

1582

1583 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

1584 FROM DoltForState\_In\_Hawaii

1585

1586

1587 ;

NOTE: Table WORK.BILLING\_IN\_HAWAII created, with 1105 rows and 1 columns.

1588 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.00 seconds
-----------	--------------

cpu time	0.00 seconds
----------	--------------

1589 Proc sql;

1590

1591 create table TotalBilling\_In\_Hawaii as

1592

1593 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

1594

1595 From Work.Billing\_In\_Hawaii

1596

1597

1598 ;

NOTE: Table WORK.TOTALBILLING\_IN\_HAWAII created, with 1 rows and 1 columns.

1599 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.00 seconds

```
1600
1601
1602
1603 Proc sql;
1604
1605 create table Billing_In_Idaho as
1606
1607 SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)
1608 FROM DoltForState_In_Idaho
1609
1610
1611 ;
```

NOTE: Table WORK.BILLING\_IN\_IDAHO created, with 547 rows and 1 columns.

```
1612 Quit;
```

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.00 seconds

```
1613 Proc sql;
1614
1615 create table TotalBilling_In_Idaho as
1616
1617 SELECT sum(_TEMA001) as TotalBilling_BY_StateID
1618
1619 From Work.Billing_In_Idaho
1620
1621
1622 ;
```

NOTE: Table WORK.TOTALBILLING\_IN\_IDAHO created, with 1 rows and 1 columns.

```
1623 Quit;
```

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.00 seconds

```
1624
1625 Proc sql;
```

1626

1627 create table Billing\_In\_Illinois as

1628

1629 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

1630 FROM DoltForState\_In\_Illinois

1631

1632

1633 ;

NOTE: Table WORK.BILLING\_IN\_ILLINOIS created, with 576 rows and 1 columns.

1634 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.00 seconds

1635 Proc sql;

1636

1637 create table TotalBilling\_In\_Illinois as

1638

1639 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

1640

1641 From Work.Billing\_In\_Illinois

1642

1643

1644 ;

NOTE: Table WORK.TOTALBILLING\_IN\_ILLINOIS created, with 1 rows and 1 columns.

1645 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

1646

1647

1648 Proc sql;

1649

1650 create table Billing\_In\_Indiana as

1651

1652 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

1653 FROM DoltForState\_In\_Indiana

1654

1655

1656 ;

NOTE: Table WORK.BILLING\_IN\_INDIANA created, with 2738 rows and 1 columns.

1657 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

1658 Proc sql;

1659

1660 create table TotalBilling\_In\_Indiana as

1661

1662 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

1663

1664 From Work.Billing\_In\_Indiana

1665

1666

1667 ;

NOTE: Table WORK.TOTALBILLING\_IN\_INDIANA created, with 1 rows and 1 columns.

1668 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.00 seconds

1669

1670 Proc sql;

1671

1672 create table Billing\_In\_Iowa as

1673

1674 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

1675 FROM DoltForState\_In\_Iowa

1676

1677

1678 ;

NOTE: Table WORK.BILLING\_IN\_IOWA created, with 1435 rows and 1 columns.

1679 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

```
1680 Proc sql;
1681
1682 create table TotalBilling_In_Iowa as
1683
1684 SELECT sum(_TEMA001) as TotalBilling_BY_StateID
1685
1686 From Work.Billing_In_Iowa
1687
1688
1689 ;
```

NOTE: Table WORK.TOTALBILLING\_IN\_IOWA created, with 1 rows and 1 columns.

```
1690 Quit;
NOTE: PROCEDURE SQL used (Total process time):
      real time      0.01 seconds
      cpu time       0.01 seconds
```

```
1691
1692 Proc sql;
1693
1694 create table Billing_In_Kansas as
1695
1696 SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)
1697 FROM DoltForState_In_Kansas
1698
1699
1700 ;
```

NOTE: Table WORK.BILLING\_IN\_KANSAS created, with 1916 rows and 1 columns.

```
1701 Quit;
NOTE: PROCEDURE SQL used (Total process time):
      real time      0.01 seconds
      cpu time       0.00 seconds
```

```
1702 Proc sql;
1703
1704 create table TotalBilling_In_Kansas as
1705
1706 SELECT sum(_TEMA001) as TotalBilling_BY_StateID
1707
1708 From Work.Billing_In_Kansas
```

1709

1710

1711 ;

NOTE: Table WORK.TOTALBILLING\_IN\_KANSAS created, with 1 rows and 1 columns.

1712 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

1713

1714 Proc sql;

1715

1716 create table Billing\_In\_Kentucky as

1717

1718 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

1719 FROM DoltForState\_In\_Kentucky

1720

1721

1722 ;

NOTE: Table WORK.BILLING\_IN\_KENTUCKY created, with 547 rows and 1 columns.

1723 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.02 seconds

cpu time 0.00 seconds

1724 Proc sql;

1725

1726 create table TotalBilling\_In\_Kentucky as

1727

1728 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

1729

1730 From Work.Billing\_In\_Kentucky

1731

1732

1733 ;

NOTE: Table WORK.TOTALBILLING\_IN\_KENTUCKY created, with 1 rows and 1 columns.

1734 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time          0.00 seconds

1735

1736

1737

1738 Proc sql;

1739

1740 create table Billing\_In\_Louisiana as

1741

1742 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

1743 FROM DoltForState\_In\_Louisiana

1744

1745

1746 ;

NOTE: Table WORK.BILLING\_IN\_LOUISIANA created, with 766 rows and 1 columns.

1747 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time          0.00 seconds

cpu time           0.00 seconds

1748 Proc sql;

1749

1750 create table TotalBilling\_In\_Louisiana as

1751

1752 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

1753

1754 From Work.Billing\_In\_Louisiana

1755

1756

1757 ;

NOTE: Table WORK.TOTALBILLING\_IN\_LOUISIANA created, with 1 rows and 1 columns.

1758 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time          0.01 seconds

cpu time           0.01 seconds

1759

1760

1761



1762  
1763 Proc sql;  
1764  
1765 create table Billing\_In\_Maine as  
1766  
1767 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)  
1768 FROM DoltForState\_In\_Maine  
1769  
1770  
1771 ;  
NOTE: Table WORK.BILLING\_IN\_MAINE created, with 2211 rows and 1 columns.

1772 Quit;  
NOTE: PROCEDURE SQL used (Total process time):  
    real time        0.01 seconds  
    cpu time         0.00 seconds

1773 Proc sql;  
1774  
1775 create table TotalBilling\_In\_Maine as  
1776  
1777 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID  
1778  
1779 From Work.Billing\_In\_Maine  
1780  
1781  
1782 ;  
NOTE: Table WORK.TOTALBILLING\_IN\_MAINE created, with 1 rows and 1 columns.

1783 Quit;  
NOTE: PROCEDURE SQL used (Total process time):  
    real time        0.00 seconds  
    cpu time         0.01 seconds

1784  
1785 Proc sql;  
1786  
1787 create table Billing\_In\_Maryland as  
1788  
1789 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)  
1790 FROM DoltForState\_In\_Maryland  
1791

1792

1793 ;

NOTE: Table WORK.BILLING\_IN\_MARYLAND created, with 552 rows and 1 columns.

1794 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.00 seconds

cpu time 0.01 seconds

1795 Proc sql;

1796

1797 create table TotalBilling\_In\_Maryland as

1798

1799 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

1800

1801 From Work.Billing\_In\_Maryland

1802

1803

1804 ;

NOTE: Table WORK.TOTALBILLING\_IN\_MARYLAND created, with 1 rows and 1 columns.

1805 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.00 seconds

cpu time 0.00 seconds

1806

1807 Proc sql;

1808

1809 create table Billing\_In\_Massachusetts as

1810

1811 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

1812 FROM DoltForState\_In\_Massachusetts

1813

1814

1815 ;

NOTE: Table WORK.BILLING\_IN\_MASSACHUSETTS created, with 541 rows and 1 columns.

1816 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.00 seconds

```
1817 Proc sql;
1818
1819 create table TotalBilling_In_Massachusetts as
1820
1821 SELECT sum(_TEMA001) as TotalBilling_BY_StateID
1822
1823 From Work.Billing_In_Massachusetts
1824
1825
1826 ;
```

NOTE: Table WORK.TOTALBILLING\_IN\_MASSACHUSETTS created, with 1 rows and 1 columns.

```
1827 Quit;
NOTE: PROCEDURE SQL used (Total process time):
      real time      0.01 seconds
      cpu time       0.00 seconds
```

```
1828
1829 Proc sql;
1830
1831 create table Billing_In_Michigan as
1832
1833 SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)
1834 FROM DoltForState_In_Michigan
1835
1836
1837 ;
```

NOTE: Table WORK.BILLING\_IN\_MICHIGAN created, with 2774 rows and 1 columns.

```
1838 Quit;
NOTE: PROCEDURE SQL used (Total process time):
      real time      0.01 seconds
      cpu time       0.00 seconds
```

```
1839 Proc sql;
1840
1841 create table TotalBilling_In_Michigan as
1842
1843 SELECT sum(_TEMA001) as TotalBilling_BY_StateID
```

1844

1845 From Work.Billing\_In\_Michigan

1846

1847

1848 ;

NOTE: Table WORK.TOTALBILLING\_IN\_MICHIGAN created, with 1 rows and 1 columns.

1849 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

1850

1851 Proc sql;

1852

1853 create table Billing\_In\_Minnesota as

1854

1855 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

1856 FROM DoltForState\_In\_Minnesota

1857

1858

1859 ;

NOTE: Table WORK.BILLING\_IN\_MINNESOTA created, with 535 rows and 1 columns.

1860 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

1861 Proc sql;

1862

1863 create table TotalBilling\_In\_Minnesota as

1864

1865 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

1866

1867 From Work.Billing\_In\_Minnesota

1868

1869

1870 ;

NOTE: Table WORK.TOTALBILLING\_IN\_MINNESOTA created, with 1 rows and 1 columns.

1871 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.01 seconds

1872

1873 Proc sql;

1874

1875 create table Billing\_In\_Mississippi as

1876

1877 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

1878 FROM DoltForState\_In\_Mississippi

1879

1880

1881 ;

NOTE: Table WORK.BILLING\_IN\_MISSISSIPPI created, with 524 rows and 1 columns.

1882 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.01 seconds

1883 Proc sql;

1884

1885 create table TotalBilling\_In\_Mississippi as

1886

1887 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

1888

1889 From Work.Billing\_In\_Mississippi

1890

1891

1892 ;

NOTE: Table WORK.TOTALBILLING\_IN\_MISSISSIPPI created, with 1 rows and 1 columns.

1893 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.01 seconds

1894

1895 Proc sql;

1896

1897 create table Billing\_In\_Missouri as

1898

1899 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

1900 FROM DoltForState\_In\_Missouri

1901

1902

1903 ;

NOTE: Table WORK.BILLING\_IN\_MISSOURI created, with 1707 rows and 1 columns.

1904 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

1905 Proc sql;

1906

1907 create table TotalBilling\_In\_Missouri as

1908

1909 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

1910

1911 From Work.Billing\_In\_Missouri

1912

1913

1914 ;

NOTE: Table WORK.TOTALBILLING\_IN\_MISSOURI created, with 1 rows and 1 columns.

1915 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

1916

1917

1918

1919 Proc sql;

1920

1921 create table Billing\_In\_Montana as

1922

1923 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

1924 FROM DoltForState\_In\_Montana

1925

1926

1927 ;

NOTE: Table WORK.BILLING\_IN\_MONTANA created, with 847 rows and 1 columns.

1928 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.00 seconds

1929 Proc sql;

1930

1931 create table TotalBilling\_In\_Montana as

1932

1933 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

1934

1935 From Work.Billing\_In\_Montana

1936

1937

1938 ;

NOTE: Table WORK.TOTALBILLING\_IN\_MONTANA created, with 1 rows and 1 columns.

1939 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.00 seconds

1940

1941

1942

1943 Proc sql;

1944

1945 create table Billing\_In\_Nebraska as

1946

1947 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

1948 FROM DoltForState\_In\_Nebraska

1949

1950

1951 ;

NOTE: Table WORK.BILLING\_IN\_NEBRASKA created, with 872 rows and 1 columns.

1952 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time            0.01 seconds

```
1953 Proc sql;
1954
1955 create table TotalBilling_In_Nebraska as
1956
1957 SELECT sum(_TEMA001) as TotalBilling_BY_StateID
1958
1959 From Work.Billing_In_Nebraska
1960
1961
1962 ;
```

NOTE: Table WORK.TOTALBILLING\_IN\_NEBRASKA created, with 1 rows and 1 columns.

```
1963 Quit;
NOTE: PROCEDURE SQL used (Total process time):
      real time        0.01 seconds
      cpu time        0.01 seconds
```

```
1964
1965
1966
1967 Proc sql;
1968
1969 create table Billing_In_Nevada as
1970
1971 SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)
1972 FROM DoltForState_In_Nevada
1973
1974
1975 ;
```

NOTE: Table WORK.BILLING\_IN\_NEVADA created, with 1692 rows and 1 columns.

```
1976 Quit;
NOTE: PROCEDURE SQL used (Total process time):
      real time        0.01 seconds
      cpu time        0.01 seconds
```

```
1977 Proc sql;
1978
1979 create table TotalBilling_In_Nevada as
```



1980

1981 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

1982

1983 From Work.Billing\_In\_Nevada

1984

1985

1986 ;

NOTE: Table WORK.TOTALBILLING\_IN\_NEVADA created, with 1 rows and 1 columns.

1987 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

1988

1989 Proc sql;

1990

1991 create table Billing\_In\_New\_Hampshire as

1992

1993 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

1994 FROM DoltForState\_In\_New\_Hampshire

1995

1996

1997 ;

NOTE: Table WORK.BILLING\_IN\_NEW\_HAMPSHIRE created, with 290 rows and 1 columns.

1998 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

1999 Proc sql;

2000

2001 create table TotalBilling\_In\_New\_Hampshire as

2002

2003 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

2004

2005 From Work.Billing\_In\_New\_Hampshire

2006

2007

2008 ;

NOTE: Table WORK.TOTALBILLING\_IN\_NEW\_HAMPSHIRE created, with 1 rows and 1 columns.

2009 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.01 seconds

2010

2011 Proc sql;

2012

2013 create table Billing\_In\_New\_Jersey as

2014

2015 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

2016 FROM DoltForState\_In\_New\_Jersey

2017

2018

2019 ;

NOTE: Table WORK.BILLING\_IN\_NEW\_JERSEY created, with 574 rows and 1 columns.

2020 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.01 seconds

2021 Proc sql;

2022

2023 create table TotalBilling\_In\_New\_Jersey as

2024

2025 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

2026

2027 From Work.Billing\_In\_New\_Jersey

2028

2029

2030 ;

NOTE: Table WORK.TOTALBILLING\_IN\_NEW\_JERSEY created, with 1 rows and 1 columns.

2031 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.00 seconds

2032

2033 Proc sql;

2034

2035 create table Billing\_In\_New\_Mexico as

2036

2037 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

2038 FROM DoltForState\_In\_New\_Mexico

2039

2040

2041 ;

NOTE: Table WORK.BILLING\_IN\_NEW\_MEXICO created, with 1147 rows and 1 columns.

2042 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

2043 Proc sql;

2044

2045 create table TotalBilling\_In\_New\_Mexico as

2046

2047 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

2048

2049 From Work.Billing\_In\_New\_Mexico

2050

2051

2052 ;

NOTE: Table WORK.TOTALBILLING\_IN\_NEW\_MEXICO created, with 1 rows and 1 columns.

2053 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

2054

2055 Proc sql;

2056

2057 create table Billing\_In\_New\_York as

2058

2059 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

2060 FROM DoltForState\_In\_New\_York

2061

2062

2063 ;

NOTE: Table WORK.BILLING\_IN\_NEW\_YORK created, with 840 rows and 1 columns.

2064 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

2065 Proc sql;

2066

2067 create table TotalBilling\_In\_New\_York as

2068

2069 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

2070

2071 From Work.Billing\_In\_New\_York

2072

2073

2074 ;

NOTE: Table WORK.TOTALBILLING\_IN\_NEW\_YORK created, with 1 rows and 1 columns.

2075 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.00 seconds

2076

2077

2078 Proc sql;

2079

2080 create table Billing\_In\_North\_Carolina as

2081

2082 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

2083 FROM DoltForState\_In\_North\_Carolina

2084

2085

2086 ;

NOTE: Table WORK.BILLING\_IN\_NORTH\_CAROLINA created, with 1359 rows and 1 columns.

2087 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.00 seconds

```
2088 Proc sql;
2089
2090 create table TotalBilling_In_North_Carolina as
2091
2092 SELECT sum(_TEMA001) as TotalBilling_BY_StateID
2093
2094 From Work.Billing_In_North_Carolina
2095
2096
2097 ;
```

NOTE: Table WORK.TOTALBILLING\_IN\_NORTH\_CAROLINA created, with 1 rows and 1 columns.

```
2098 Quit;
NOTE: PROCEDURE SQL used (Total process time):
```

real time	0.01 seconds
cpu time	0.00 seconds

```
2099
2100 Proc sql;
2101
2102 create table Billing_In_North_Dakota as
2103
2104 SELECT PriceOut*quantity * (1-discount) * (1-state_tax_rate)
2105 FROM DoltForState_In_North_Dakota
2106
2107
2108 ;
```

NOTE: Table WORK.BILLING\_IN\_NORTH\_DAKOTA created, with 574 rows and 1 columns.

```
2109 Quit;
NOTE: PROCEDURE SQL used (Total process time):
```

real time	0.00 seconds
cpu time	0.00 seconds

```
2110 Proc sql;
2111
2112 create table TotalBilling_In_North_Dakota as
```

2113

2114 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

2115

2116 From Work.Billing\_In\_North\_Dakota

2117

2118

2119 ;

NOTE: Table WORK.TOTALBILLING\_IN\_NORTH\_DAKOTA created, with 1 rows and 1 columns.

2120 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.00 seconds

cpu time 0.00 seconds

2121

2122 Proc sql;

2123

2124 create table Billing\_In\_Ohio as

2125

2126 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

2127 FROM DoltForState\_In\_Ohio

2128

2129

2130 ;

NOTE: Table WORK.BILLING\_IN\_OHIO created, with 271 rows and 1 columns.

2131 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.00 seconds

cpu time 0.00 seconds

2132 Proc sql;

2133

2134 create table TotalBilling\_In\_Ohio as

2135

2136 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

2137

2138 From Work.Billing\_In\_Ohio

2139

2140

2141 ;

NOTE: Table WORK.TOTALBILLING\_IN\_OHIO created, with 1 rows and 1 columns.

2142 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.00 seconds

cpu time 0.00 seconds

2143

2144 Proc sql;

2145

2146 create table Billing\_In\_Oklahoma as

2147

2148 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

2149 FROM DoltForState\_In\_Oklahoma

2150

2151

2152 ;

NOTE: Table WORK.BILLING\_IN\_OKLAHOMA created, with 1446 rows and 1 columns.

2153 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.00 seconds

2154 Proc sql;

2155

2156 create table TotalBilling\_In\_Oklahoma as

2157

2158 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

2159

2160 From Work.Billing\_In\_Oklahoma

2161

2162

2163 ;

NOTE: Table WORK.TOTALBILLING\_IN\_OKLAHOMA created, with 1 rows and 1 columns.

2164 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

2165

2166 Proc sql;

2167

2168 create table Billing\_In\_Oregon as

2169

2170 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

2171 FROM DoltForState\_In\_Oregon

2172

2173

2174 ;

NOTE: Table WORK.BILLING\_IN\_OREGON created, with 1081 rows and 1 columns.

2175 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

2176 Proc sql;

2177

2178 create table TotalBilling\_In\_Oregon as

2179

2180 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

2181

2182 From Work.Billing\_In\_Oregon

2183

2184

2185 ;

NOTE: Table WORK.TOTALBILLING\_IN\_OREGON created, with 1 rows and 1 columns.

2186 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

2187

2188

2189

2190 Proc sql;

2191

2192 create table Billing\_In\_Pennsylvania as

2193

2194 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)



2195 FROM DoltForState\_In\_Pennsylvania

2196

2197

2198 ;

NOTE: Table WORK.BILLING\_IN\_PENNSYLVANIA created, with 1128 rows and 1 columns.

2199 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
-----------	--------------

cpu time	0.01 seconds
----------	--------------

2200 Proc sql;

2201

2202 create table TotalBilling\_In\_Pennsylvania as

2203

2204 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

2205

2206 From Work.Billing\_In\_Pennsylvania

2207

2208

2209 ;

NOTE: Table WORK.TOTALBILLING\_IN\_PENNSYLVANIA created, with 1 rows and 1 columns.

2210 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
-----------	--------------

cpu time	0.01 seconds
----------	--------------

2211

2212 Proc sql;

2213

2214 create table Billing\_In\_Rhode\_Island as

2215

2216 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

2217 FROM DoltForState\_In\_Rhode\_Island

2218 ;

NOTE: Table WORK.BILLING\_IN\_RHODE\_ISLAND created, with 1412 rows and 1 columns.

2219 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
-----------	--------------

cpu time	0.01 seconds
----------	--------------

2220 Proc sql;

2221

2222

2223 create table TotalBilling\_In\_Rhode\_Island as

2224

2225 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

2226

2227 From Work.Billing\_In\_Rhode\_Island

2228

2229

2230 ;

NOTE: Table WORK.TOTALBILLING\_IN\_RHODE\_ISLAND created, with 1 rows and 1 columns.

2231 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
-----------	--------------

cpu time	0.01 seconds
----------	--------------

2232

2233 Proc sql;

2234

2235 create table Billing\_In\_South\_Carolina as

2236

2237 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

2238 FROM DoltForState\_In\_South\_Carolina

2239

2240

2241

2242 ;

NOTE: Table WORK.BILLING\_IN\_SOUTH\_CAROLINA created, with 2246 rows and 1 columns.

2243 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
-----------	--------------

cpu time	0.01 seconds
----------	--------------

2244 Proc sql;

2245

2246 create table TotalBilling\_In\_South\_Carolina as

2247

2248 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

2249

2250 From Work.Billing\_In\_South\_Carolina

2251

2252

2253 ;

NOTE: Table WORK.TOTALBILLING\_IN\_SOUTH\_CAROLINA created, with 1 rows and 1 columns.

2254 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

2255

2256

2257

2258 Proc sql;

2259

2260 create table Billing\_In\_South\_Dakota as

2261

2262 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

2263 FROM DoltForState\_In\_South\_Dakota

2264

2265

2266 ;

NOTE: Table WORK.BILLING\_IN\_SOUTH\_DAKOTA created, with 267 rows and 1 columns.

2267 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.00 seconds

cpu time 0.01 seconds

2268

2269 Proc sql;

2270

2271 create table TotalBilling\_In\_South\_Dakota as

2272

2273 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

2274

2275 From Billing\_In\_South\_Dakota

2276

2277

2278 ;

NOTE: Table WORK.TOTALBILLING\_IN\_SOUTH\_DAKOTA created, with 1 rows and 1 columns.

2279 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

2280

2281 Proc sql;

2282

2283 create table Billing\_In\_Tennessee as

2284

2285 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

2286 FROM DoltForState\_In\_Tennessee

2287

2288

2289 ;

NOTE: Table WORK.BILLING\_IN\_TENNESSEE created, with 1087 rows and 1 columns.

2290 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

2291

2292

2293 Proc sql;

2294 create table TotalBilling\_In\_Tennessee as

2295

2296 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

2297

2298 From Work.Billing\_In\_Tennessee

2299

2300 ;

NOTE: Table WORK.TOTALBILLING\_IN\_TENNESSEE created, with 1 rows and 1 columns.

2301 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time            0.01 seconds

2302

2303

2304

2305 Proc sql;

2306

2307 create table Billing\_In\_Texas as

2308

2309 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

2310 FROM DoltForState\_In\_Texas

2311

2312

2313 ;

NOTE: Table WORK.BILLING\_IN\_TEXAS created, with 255 rows and 1 columns.

2314 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time            0.01 seconds

cpu time            0.01 seconds

2315

2316

2317 Proc sql;

2318

2319 create table TotalBilling\_In\_Texas as

2320

2321 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

2322

2323 From Work.Billing\_In\_Texas

2324

2325

2326 ;

NOTE: Table WORK.TOTALBILLING\_IN\_TEXAS created, with 1 rows and 1 columns.

2327 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time            0.01 seconds

cpu time            0.00 seconds

2328

2329 Proc sql;

2330

2331 create table Billing\_In\_Utah as

2332

2333 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

2334 FROM DoltForState\_In\_Utah

2335

2336

2337 ;

NOTE: Table WORK.BILLING\_IN\_UTAH created, with 1076 rows and 1 columns.

2338 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.00 seconds

2339

2340

2341

2342 Proc sql;

2343

2344 create table TotalBilling\_In\_Utah as

2345

2346 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

2347

2348 From Work.Billing\_In\_Utah

2349

2350

2351 ;

NOTE: Table WORK.TOTALBILLING\_IN\_UTAH created, with 1 rows and 1 columns.

2352 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

2353

2354 Proc sql;

2355

2356 create table Billing\_In\_Vermont as

2357

2358 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

2359 FROM DoltForState\_In\_Vermont

2360

2361

2362

2363

2364 ;

NOTE: Table WORK.BILLING\_IN\_VERMONT created, with 1112 rows and 1 columns.

2365 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

2366

2367 Proc sql;

2368

2369 create table TotalBilling\_In\_Vermont as

2370

2371 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

2372

2373 From Work.Billing\_In\_Vermont

2374

2375

2376 ;

NOTE: Table WORK.TOTALBILLING\_IN\_VERMONT created, with 1 rows and 1 columns.

2377 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

2378

2379 Proc sql;

2380

2381 create table Billing\_In\_Virginia as

2382

2383 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

2384 FROM DoltForState\_In\_Virginia

2385

2386

2387

2388 ;

NOTE: Table WORK.BILLING\_IN\_VIRGINIA created, with 1174 rows and 1 columns.

2389 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

2390

2391 Proc sql;

2392

2393 create table TotalBilling\_In\_Virginia as

2394

2395 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

2396

2397 From Work.Billing\_In\_Virginia

2398

2399

2400 ;

NOTE: Table WORK.TOTALBILLING\_IN\_VIRGINIA created, with 1 rows and 1 columns.

2401 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.00 seconds

2402

2403 Proc sql;

2404

2405 create table Billing\_In\_Washington as

2406

2407 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

2408 FROM DoltForState\_In\_Washington

2409

2410

2411

2412 ;

NOTE: Table WORK.BILLING\_IN\_WASHINGTON created, with 1937 rows and 1 columns.

2413 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds



2414

2415 Proc sql;

2416

2417 create table TotalBilling\_In\_Washington as

2418

2419 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

2420

2421 From Work.Billing\_In\_Washington

2422

2423

2424 ;

NOTE: Table WORK.TOTALBILLING\_IN\_WASHINGTON created, with 1 rows and 1 columns.

2425 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.00 seconds

cpu time 0.01 seconds

2426

2427 Proc sql;

2428

2429 create table Billing\_In\_West\_Virginia as

2430

2431 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

2432 FROM DoltForState\_In\_West\_Virginia

2433

2434

2435

2436 ;

NOTE: Table WORK.BILLING\_IN\_WEST\_VIRGINIA created, with 836 rows and 1 columns.

2437 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

2438

2439 Proc sql;

2440

2441 create table TotalBilling\_In\_West\_Virginia as

2442

2443 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

2444

2445 From Work.Billing\_In\_West\_Virginia

2446

2447

2448 ;

NOTE: Table WORK.TOTALBILLING\_IN\_WEST\_VIRGINIA created, with 1 rows and 1 columns.

2449 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.00 seconds

cpu time 0.01 seconds

2450

2451

2452 Proc sql;

2453

2454 create table Billing\_In\_Wisconsin as

2455

2456 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

2457 FROM DoltForState\_In\_Wisconsin

2458

2459

2460

2461 ;

NOTE: Table WORK.BILLING\_IN\_WISCONSIN created, with 841 rows and 1 columns.

2462 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

2463

2464 Proc sql;

2465

2466 create table TotalBilling\_In\_Wisconsin as

2467

2468 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

2469

2470 From Work.Billing\_In\_Wisconsin

2471

2472

2473 ;

NOTE: Table WORK.TOTALBILLING\_IN\_WISCONSIN created, with 1 rows and 1 columns.

2474 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

2475

2476 Proc sql;

2477

2478 create table Billing\_In\_Wyoming as

2479

2480 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

2481 FROM DoltForState\_In\_Wyoming

2482

2483

2484

2485 ;

NOTE: Table WORK.BILLING\_IN\_WYOMING created, with 1400 rows and 1 columns.

2486 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time 0.00 seconds

cpu time 0.01 seconds

2487

2488

2489 Proc sql;

2490

2491 create table TotalBilling\_In\_Wyoming as

2492

2493 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

2494

2495 From Work.Billing\_In\_Wyoming

2496

2497

2498 ;

NOTE: Table WORK.TOTALBILLING\_IN\_WYOMING created, with 1 rows and 1 columns.

2499 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.01 seconds

2500

2501

2502 Proc sql;

2503

2504 create table Billing\_In\_DC as

2505

2506 SELECT PriceOut\*quantity \* (1-discount) \* (1-state\_tax\_rate)

2507

2508 FROM DoltForState\_In\_DC

2509

2510

2511 ;

NOTE: Table WORK.BILLING\_IN\_DC created, with 535 rows and 1 columns.

2512 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.01 seconds

2513 Proc sql;

2514

2515 create table TotalBilling\_In\_DC as

2516

2517 SELECT sum(\_TEMA001) as TotalBilling\_BY\_StateID

2518

2519 From Work.Billing\_In\_DC

2520

2521

2522 ;

NOTE: Table WORK.TOTALBILLING\_IN\_DC created, with 1 rows and 1 columns.

2523 Quit;

NOTE: PROCEDURE SQL used (Total process time):

real time	0.01 seconds
cpu time	0.00 seconds

2524

```

2525
2526
2527
2528
2529
2530
2531
2532 data Work.S_of_Billing_by_State_ID;
2533
2534 set TotalBilling_In_Alabama TotalBilling_In_Alaska TotalBilling_In_Arizona
TotalBilling_In_Arkansas
2534! TotalBilling_In_California TotalBilling_In_Colorado TotalBilling_In_Connecticut
TotalBilling_In_Delaware
2534! TotalBilling_In_Florida TotalBilling_In_Georgia TotalBilling_In_Hawaii
TotalBilling_In_Idaho
2534! TotalBilling_In_Illinois TotalBilling_In_Indiana TotalBilling_In_Iowa TotalBilling_In_Kansas
2534! TotalBilling_In_Kentucky TotalBilling_In_Louisiana TotalBilling_In_Maine
TotalBilling_In_Maryland
2534! TotalBilling_In_Massachusetts TotalBilling_In_Michigan TotalBilling_In_Minnesota
2534! TotalBilling_In_Mississippi TotalBilling_In_Missouri TotalBilling_In_Montana
TotalBilling_In_Nebraska
2534! TotalBilling_In_Nevada TotalBilling_In_New_Hampshire TotalBilling_In_New_Jersey
2534! TotalBilling_In_New_Mexico TotalBilling_In_New_York TotalBilling_In_North_Carolina
2534! TotalBilling_In_North_Dakota TotalBilling_In_Ohio TotalBilling_In_Oklahoma
TotalBilling_In_Oregon
2534! TotalBilling_In_Pennsylvania TotalBilling_In_Rhode_Island
TotalBilling_In_South_Carolina
2534! TotalBilling_In_South_Dakota TotalBilling_In_Tennessee TotalBilling_In_Texas
TotalBilling_In_Utah
2534! TotalBilling_In_Vermont TotalBilling_In_Virginia TotalBilling_In_Washington
2534! TotalBilling_In_West_Virginia TotalBilling_In_Wisconsin TotalBilling_In_Wyoming
TotalBilling_In_DC;
2535 run;

```

NOTE: There were 1 observations read from the data set  
WORK.TOTALBILLING\_IN\_ALABAMA.

NOTE: There were 1 observations read from the data set WORK.TOTALBILLING\_IN\_ALASKA.

NOTE: There were 1 observations read from the data set  
WORK.TOTALBILLING\_IN\_ARIZONA.

NOTE: There were 1 observations read from the data set  
WORK.TOTALBILLING\_IN\_ARKANSAS.

NOTE: There were 1 observations read from the data set  
WORK.TOTALBILLING\_IN\_CALIFORNIA.

NOTE: There were 1 observations read from the data set  
WORK.TOTALBILLING\_IN\_COLORADO.

NOTE: There were 1 observations read from the data set  
WORK.TOTALBILLING\_IN\_CONNECTICUT.

NOTE: There were 1 observations read from the data set  
WORK.TOTALBILLING\_IN\_DELAWARE.

NOTE: There were 1 observations read from the data set  
WORK.TOTALBILLING\_IN\_FLORIDA.

NOTE: There were 1 observations read from the data set  
WORK.TOTALBILLING\_IN\_GEORGIA.

NOTE: There were 1 observations read from the data set WORK.TOTALBILLING\_IN\_HAWAII.

NOTE: There were 1 observations read from the data set WORK.TOTALBILLING\_IN\_IDAHO.

NOTE: There were 1 observations read from the data set WORK.TOTALBILLING\_IN\_ILLINOIS.

NOTE: There were 1 observations read from the data set WORK.TOTALBILLING\_IN\_INDIANA.

NOTE: There were 1 observations read from the data set WORK.TOTALBILLING\_IN\_IOWA.

NOTE: There were 1 observations read from the data set WORK.TOTALBILLING\_IN\_KANSAS.

NOTE: There were 1 observations read from the data set  
WORK.TOTALBILLING\_IN\_KENTUCKY.

NOTE: There were 1 observations read from the data set  
WORK.TOTALBILLING\_IN\_LOUISIANA.

NOTE: There were 1 observations read from the data set WORK.TOTALBILLING\_IN\_MAINE.

NOTE: There were 1 observations read from the data set  
WORK.TOTALBILLING\_IN\_MARYLAND.

NOTE: There were 1 observations read from the data set  
WORK.TOTALBILLING\_IN\_MASSACHUSETTS.

NOTE: There were 1 observations read from the data set  
WORK.TOTALBILLING\_IN\_MICHIGAN.

NOTE: There were 1 observations read from the data set  
WORK.TOTALBILLING\_IN\_MINNESOTA.

NOTE: There were 1 observations read from the data set  
WORK.TOTALBILLING\_IN\_MISSISSIPPI.

NOTE: There were 1 observations read from the data set  
WORK.TOTALBILLING\_IN\_MISSOURI.

NOTE: There were 1 observations read from the data set  
WORK.TOTALBILLING\_IN\_MONTANA.

NOTE: There were 1 observations read from the data set  
WORK.TOTALBILLING\_IN\_NEBRASKA.

NOTE: There were 1 observations read from the data set WORK.TOTALBILLING\_IN\_NEVADA.

NOTE: There were 1 observations read from the data set  
WORK.TOTALBILLING\_IN\_NEW\_HAMPSHIRE.

NOTE: There were 1 observations read from the data set  
WORK.TOTALBILLING\_IN\_NEW\_JERSEY.

NOTE: There were 1 observations read from the data set  
WORK.TOTALBILLING\_IN\_NEW\_MEXICO.

NOTE: There were 1 observations read from the data set WORK.TOTALBILLING\_IN\_NEW\_YORK.

NOTE: There were 1 observations read from the data set WORK.TOTALBILLING\_IN\_NORTH\_CAROLINA.

NOTE: There were 1 observations read from the data set WORK.TOTALBILLING\_IN\_NORTH\_DAKOTA.

NOTE: There were 1 observations read from the data set WORK.TOTALBILLING\_IN\_OHIO.

NOTE: There were 1 observations read from the data set WORK.TOTALBILLING\_IN\_OKLAHOMA.

NOTE: There were 1 observations read from the data set WORK.TOTALBILLING\_IN\_OREGON.

NOTE: There were 1 observations read from the data set WORK.TOTALBILLING\_IN\_PENNSYLVANIA.

NOTE: There were 1 observations read from the data set WORK.TOTALBILLING\_IN\_RHODE\_ISLAND.

NOTE: There were 1 observations read from the data set WORK.TOTALBILLING\_IN\_SOUTH\_CAROLINA.

NOTE: There were 1 observations read from the data set WORK.TOTALBILLING\_IN\_SOUTH\_DAKOTA.

NOTE: There were 1 observations read from the data set WORK.TOTALBILLING\_IN\_TENNESSEE.

NOTE: There were 1 observations read from the data set WORK.TOTALBILLING\_IN\_TEXAS.

NOTE: There were 1 observations read from the data set WORK.TOTALBILLING\_IN\_UTAH.

NOTE: There were 1 observations read from the data set WORK.TOTALBILLING\_IN\_VERMONT.

NOTE: There were 1 observations read from the data set WORK.TOTALBILLING\_IN\_VIRGINIA.

NOTE: There were 1 observations read from the data set WORK.TOTALBILLING\_IN\_WASHINGTON.

NOTE: There were 1 observations read from the data set WORK.TOTALBILLING\_IN\_WEST\_VIRGINIA.

NOTE: There were 1 observations read from the data set WORK.TOTALBILLING\_IN\_WISCONSIN.

NOTE: There were 1 observations read from the data set WORK.TOTALBILLING\_IN\_WYOMING.

NOTE: There were 1 observations read from the data set WORK.TOTALBILLING\_IN\_DC.

NOTE: The data set WORK.S\_OF BILLING\_BY\_STATE\_ID has 51 observations and 1 variables.

NOTE: DATA statement used (Total process time):

real time	0.05 seconds
cpu time	0.04 seconds

```

2537 proc import datafile = '\\msfs-03.grove.ad.uconn.edu\home\stg19003\Desktop\States.xlsx'
2538   out = Sheet1
2539   dbms = xlsx
2540   replace
2541   ;
2542   sheet = "Sheet1";
2543   run;

```

NOTE: Variable Name Change. Alphabetical Order -> Alphabetical\_Order

NOTE: One or more variables were converted because the data type is not supported by the V9 engine. For more

details, run with options MSGLEVEL=I.

NOTE: The import data set has 51 observations and 1 variables.

NOTE: WORK.SHEET1 data set was successfully created.

NOTE: PROCEDURE IMPORT used (Total process time):

real time	0.03 seconds
cpu time	0.01 seconds

```

2544
2545
2546
2547 data Work.Billing_Sum_by_State_In_Dollars;
2548
2549 merge Work.S_of_Billing_by_State_ID Work.Sheet1;
2550 run;

```

NOTE: There were 51 observations read from the data set

WORK.S\_OF\_BILLING\_BY\_STATE\_ID.

NOTE: There were 51 observations read from the data set WORK.SHEET1.

NOTE: The data set WORK.BILLING\_SUM\_BY\_STATE\_IN\_DOLLARS has 51 observations and 2 variables.

NOTE: DATA statement used (Total process time):

real time	0.01 seconds
cpu time	0.01 seconds

```

2551
2552 data Work.Quantity_of_Sales_by_State;
2553
2554 merge Work.Sum1_of_Sales_by_State_ID Work.Sheet1;
2555 run;

```



NOTE: There were 51 observations read from the data set  
WORK.SUM1\_OF\_SALES\_BY\_STATE\_ID.

NOTE: There were 51 observations read from the data set WORK.SHEET1.

NOTE: The data set WORK.QUANTITY\_OF\_SALES\_BY\_STATE has 51 observations and 2  
variables.

NOTE: DATA statement used (Total process time):

real time	0.01 seconds
cpu time	0.01 seconds

2536

```
2537 proc import datafile = '\\msfs-03.grove.ad.uconn.edu\home\stg19003\Desktop\States.xlsx'  
2538   out = Sheet1  
2539   dbms = xlsx  
2540   replace  
2541   ;  
2542   sheet = "Sheet1";  
2543   run;
```

NOTE: Variable Name Change. Alphabetical Order -> Alphabetical\_Order

NOTE: One or more variables were converted because the data type is not supported by the V9  
engine. For more

details, run with options MSGLEVEL=I.

NOTE: The import data set has 51 observations and 1 variables.

NOTE: WORK.SHEET1 data set was successfully created.

NOTE: PROCEDURE IMPORT used (Total process time):

real time	0.03 seconds
cpu time	0.01 seconds

2544

2545

2546

```
2547 data Work.Billing_Sum_by_State_In_Dollars;
```

2548

```
2549 merge Work.S_of_Billing_by_State_ID Work.Sheet1;
```

```
2550 run;
```

NOTE: There were 51 observations read from the data set  
WORK.S\_OF\_BILLING\_BY\_STATE\_ID.

NOTE: There were 51 observations read from the data set WORK.SHEET1.

NOTE: The data set WORK.BILLING\_SUM\_BY\_STATE\_IN\_DOLLARS has 51 observations  
and 2 variables.

NOTE: DATA statement used (Total process time):

real time        0.01 seconds  
cpu time        0.01 seconds

```
2551  
2552 data Work.Quantity_of_Sales_by_State;  
2553  
2554 merge Work.Sum1_of_Sales_by_State_ID Work.Sheet1;  
2555 run;
```

NOTE: There were 51 observations read from the data set  
WORK.SUM1\_OF\_SALES\_BY\_STATE\_ID.

NOTE: There were 51 observations read from the data set WORK.SHEET1.

NOTE: The data set WORK.QUANTITY\_OF\_SALES\_BY\_STATE has 51 observations and 2  
variables.

NOTE: DATA statement used (Total process time):

real time        0.01 seconds  
cpu time        0.01 seconds

**Here is the table pasted from SAS displaying the total sales:**

<b>Total_Sum_by_State _ID</b>	<b>Alphabetical Order</b>	<b>STID</b>
2653	Alabama	1
2938	Alaska	2
960	Arizona	3
4658	Arkansas	4
5782	California	5
4944	Colorado	6
2935	Connecticut	7
5764	Delaware	8
3834	Florida	9
2962	Georgia	10
3889	Hawaii	11
1929	Idaho	12
2012	Illinois	13
9573	Indiana	14
5048	Iowa	15

6600	Kansas	16
1904	Kentucky	17
2608	Louisiana	18
7722	Maine	19
1885	Maryland	20

1855	Massachusetts	21
9692	Michigan	22
1853	Minnesota	23
1835	Mississippi	24
5912	Missouri	25
2938	Montana	26
3047	Nebraska	27
5926	Nevada	28
1043	New Hampshire	29
2036	New Jersey	30
3936	New Mexico	31
3024	New York	32
4740	North Carolina	33
2010	North Dakota	34
914	Ohio	35
5128	Oklahoma	36
387	Oregon	37

3967	Pennsylvania	38
5147	Rhode Island	39
7857	South Carolina	40
931	South Dakota	41
3804	Tennessee	42
888	Texas	43
3757	Utah	44
3859	Vermont	45
3979	Virginia	46
6874	Washington	47
2997	West Virginia	48
2953	Wisconsin	49
4788	Wyoming	50
1894	DC	51

Here is the table pasted from SAS displaying the total billings:

TotalBilling_BY_StateID	Alphabetical Order	State_ID
395397.5	Alabama	1
452305.8	Alaska	2
201062.87	Arizona	3
595460.32	Arkansas	4
747533.69	California	5
573111.69	Colorado	6
367397.02	Connecticut	7
825402.24	Delaware	8
415251.3	Florida	9
319492.53	Georgia	10
564801.66	Hawaii	11
289461.72	Idaho	12
313490.51	Illinois	13
1483999.59	Indiana	14
715124.2	Iowa	15
909599.32	Kansas	16
274406.76	Kentucky	17
309084.32	Louisiana	18
1124830.83	Maine	19
166027.96	Maryland	20
289361.37	Massachusetts	21
1167316.34	Michigan	22
293649.81	Minnesota	23
300866.41	Mississippi	24
799076.23	Missouri	25
421316.6	Montana	26
497475.26	Nebraska	27
921669.24	Nevada	28

143653.31	New Hampshire	29
297260.33	New Jersey	30
537004.17	New Mexico	31
459393.37	New York	32
563844.86	North Carolina	33
280152.72	North Dakota	34
113938.64	Ohio	35
619446.62	Oklahoma	36
626281.85	Oregon	37
514720.08	Pennsylvania	38
676933.54	Rhode Island	39
1283008.67	South Carolina	40
127588.72	South Dakota	41

416500.36	Tennessee	42
126711.54	Texas	43
510233.49	Utah	44
562330.25	Vermont	45
518604	Virginia	46
905825.75	Washington	47
427013.19	West Virginia	48
371729.68	Wisconsin	49
588840.3	Wyoming	50
245016.2	DC	51

Concluding thoughts:

The lowest amount of sales from all the states was from the State of Texas with 888 sales from Wellington Global Marketplace. The highest amount of sales from all the states from the State of Michigan with 9692 sales. As for the total billing, the state with the highest billing sum was the State of South Carolina with 1283008.6743 \$. The state with the lowest billing sum was the State of Ohio with 113939.6365 \$. While these numbers are quite volatile when compared to one another; are these calculations a good metric to evaluate the company's success in that particular state? Fortunately, further evaluation techniques could be utilized to

see if these findings yield statistically significant results. Nevertheless, the hypotheses that the total quantity of sales and the total amount from billing compared to the total quantity of sales per state and the total amount from billing per state shall be tested under a regression analysis for statistical significance.