1. Aggregates by combinations of supplier name and product name?

SELECT NON EMPTY {

[Measures].[Quantity - Tb Transactions],

[Measures].[Tb Transactions Count],

[Measures].[Price - Tb Transactions] } ON COLUMNS,

NON EMPTY {

[Tb Supplier].[Name].[Name].ALLMEMBERS } ON ROWS

FROM DS715

2) Aggregates by supplier states?

SELECT NON EMPTY {

[Measures].[Quantity - Tb Transactions],

[Measures].[Tb Transactions Count],

[Measures].[Price - Tb Transactions] } ON COLUMNS,

NON EMPTY {

[Tb Supplier].[Name].[Name].ALLMEMBERS } ON ROWS

FROM DS715

3) Number of transactions between supplier-city-consumer-city pairs?

SELECT NON EMPTY { [Measures].[Quantity - Tb Transactions] } ON COLUMNS, NON EMPTY { ([Tb Supplier].[City].[City].ALLMEMBERS \* [Tb Consumer].[City].[City].ALLMEMBERS ) }

4) Quantity of each product sold in Wisconsin?

SELECT NON EMPTY {

[Measures].[Quantity - Tb Transactions]

} ON COLUMNS,

NON EMPTY {

[Tb Product].[Name].[Name].ALLMEMBERS } ON ROWS

FROM [DS715]

WHERE [Tb Consumer].[State].&Wisconsin

5) Quantity of sales by product and supplier state?

SELECT NON EMPTY {

[Measures].[Quantity - Tb Transactions]

} ON COLUMNS,

NON EMPTY {

[Tb Product].[Name].[Name].ALLMEMBERS } ON ROWS

FROM [DS715]

WHERE [Tb Supplier].[State].ALLMEMBERS

6) Quantity of computer sales by suppliers in Wisconsin?

SELECT NON EMPTY { [Measures].[Quantity - Tb Transactions]} ON COLUMNS, NON EMPTY { [Tb Supplier].[Name].[Name].ALLMEMBERS } ON ROWS FROM [DS715] WHERE ([Tb Product].[Name].[Name].&Computer, [Tb Supplier].[State].&Wisconsin)

7) Quantity of auto sales by suppliers in Wisconsin to consumers in Illinois?

SELECT NON EMPTY { [Measures].[Quantity - Tb Transactions]} ON COLUMNS, NON EMPTY { [Tb Supplier].[Name].[Name].ALLMEMBERS } ON ROWS FROM [DS715] WHERE ([Tb Product].[Name].[Name].&Auto, [Tb Supplier].[State].&[Wisconsin], [Tb Consumer].[State].&Illinois)

8) Quantity of auto sales by suppliers in Madison to consumers in Illinois?

SELECT NON EMPTY { [Measures].[Quantity - Tb Transactions]} ON COLUMNS, NON EMPTY { [Tb Supplier].[Name].[Name].ALLMEMBERS } ON ROWS FROM [DS715] WHERE ([Tb Product].[Name].[Name].&Auto, [Tb Supplier].[City].&[Madison], [Tb Consumer].[State].&Illinois)

9) Quantity of each product sold by supplier Bernstein to consumers in Chicago?

SELECT NON EMPTY { [Measures].[Quantity - Tb Transactions]} ON COLUMNS, NON EMPTY { [Tb Supplier].[Name].[Name]. [Bernstein] } ON ROWS FROM [DS715] WHERE ([Tb Product].[Name].[Name].& ALLMEMBERS, [Tb Consumer].[City].&Chicago)

10.)

SELECT NON EMPTY { [Measures].[Quantity - Tb Transactions]} ON COLUMNS, NON EMPTY { [Tb Supplier].[Name].[Name]. [Bernstein] } ON ROWS FROM [DS715] WHERE ([Tb Product].[Name].[Name].&Milk, [Tb Consumer].[City].&Chicago)

SELECT NON EMPTY {

[Measures].[Quantity - Tb Transactions] } ON COLUMNS,

NON EMPTY {

[Tb Product].[Name].[Name].ALLMEMBERS } ON ROWS

FROM DS715

WHERE ([Tb Product].[Name].[Name].[Bernstein])

SELECT NON EMPTY { [Measures].[Quantity - Tb Transactions]} ON COLUMNS, NON EMPTY { [Tb Supplier].[Name].[Name]. [Bernstein] } ON ROWS FROM [DS715] WHERE ([Tb Product].[Name].[Name].& ALLMEMBERS, [Tb Consumer].[City].&Chicago)