**Base Query 1**

SELECT L.Location\_Id,L.Location\_Name,

S.Sales\_Class\_Id,S.Sales\_Class\_Desc,S.Base\_Price,

T.Time\_Year,T.Time\_Month,

SUM(A.Quantity\_Ordered) AS TotalJobQuantity,

SUM(A.Quantity\_Ordered\*Unit\_Price) AS TotalJobAmount

FROM W\_Job\_F A,

W\_Location\_D L,

W\_Time\_D T,

W\_Sales\_Class\_D S

WHERE L.Location\_ID = A.Location\_Id

AND A.Contract\_Date = T.Time\_Id

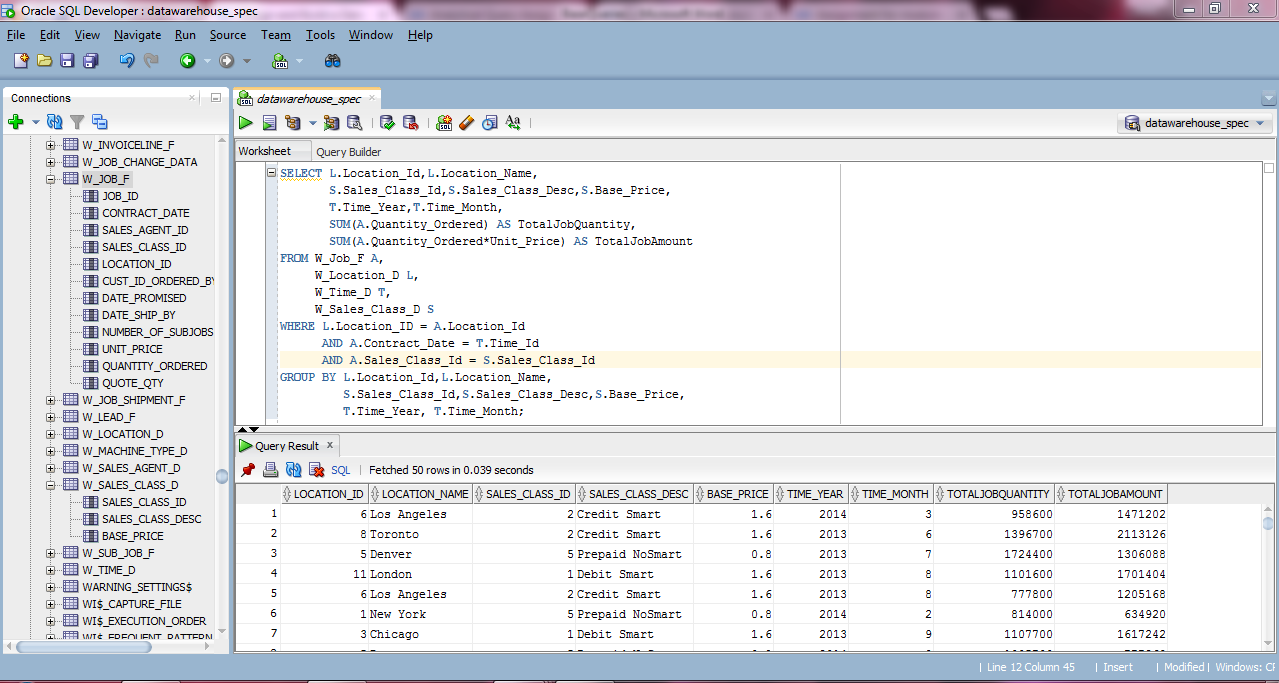
AND A.Sales\_Class\_Id = S.Sales\_Class\_Id

GROUP BY L.Location\_Id,L.Location\_Name,

S.Sales\_Class\_Id,S.Sales\_Class\_Desc,S.Base\_Price,

T.Time\_Year, T.Time\_Month;

**Snapshot**



**Base Query 2**

CREATE VIEW LocationInvoiceRevenueSummary AS

SELECT S.Job\_Id,

L.Location\_Id,L.Location\_Name,

O.Quantity\_Ordered,O.Unit\_Price,

T.Time\_Year,T.Time\_Month,

SUM (I.Invoice\_Quantity) TotalInvoiceQuantity,

SUM (I.Invoice\_Amount) TotalInvoiceAmount

FROM W\_Job\_Shipment\_F J,

W\_Sub\_Job\_F S,

W\_Location\_D L,

W\_Time\_D T,

W\_InvoiceLine\_F I,

W\_Job\_F O

WHERE S.Sub\_Job\_Id = J.Sub\_Job\_Id

AND J.Invoice\_Id = I.Invoice\_Id

AND T.Time\_Id = O.Contract\_Date

AND L.Location\_Id = I.Location\_Id

AND O.Job\_Id = S.Job\_Id

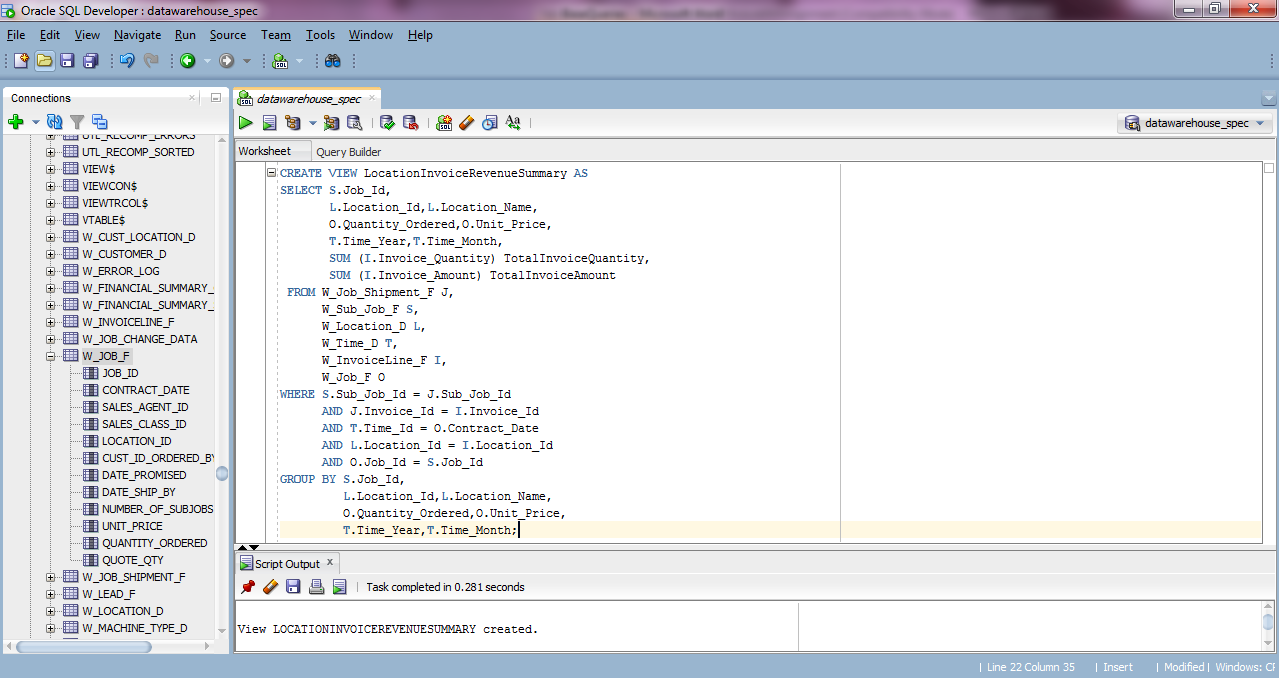
GROUP BY S.Job\_Id,

L.Location\_Id,L.Location\_Name,

O.Quantity\_Ordered,O.Unit\_Price,

T.Time\_Year,T.Time\_Month;

**Snapshot**



**Base Query 3**

CREATE VIEW LocationSubjobCostSummary AS

SELECT S.Job\_Id,

L.Location\_Id,L.Location\_Name,

T.Time\_Year,T.Time\_Month,

SUM(S.Cost\_Labor) TotalLaborCost,

SUM(S.Cost\_Material) TotalMaterialCost,

SUM(S.Cost\_Overhead) TotalOverheadCost,

SUM(S.Machine\_Hours \* M.Rate\_Per\_Hour) TotalMachineCost,

SUM(S.Quantity\_Produced) TotalQuantityProduced,

SUM(Cost\_Labor + Cost\_Material + Cost\_Overhead +

(Machine\_Hours \* Rate\_Per\_Hour)) TotalCost,

SUM(Cost\_Labor + Cost\_Material + Cost\_Overhead +

(Machine\_Hours \* Rate\_Per\_Hour)) / SUM(Quantity\_Produced) UnitCost

FROM W\_Job\_F O,W\_Sub\_Job\_F S,

W\_Location\_D L,

W\_Time\_D T,

W\_Machine\_Type\_D M

WHERE O.Location\_Id = L.Location\_Id

AND S.Machine\_Type\_Id = M.Machine\_Type\_Id

AND T.Time\_Id = O.Contract\_Date

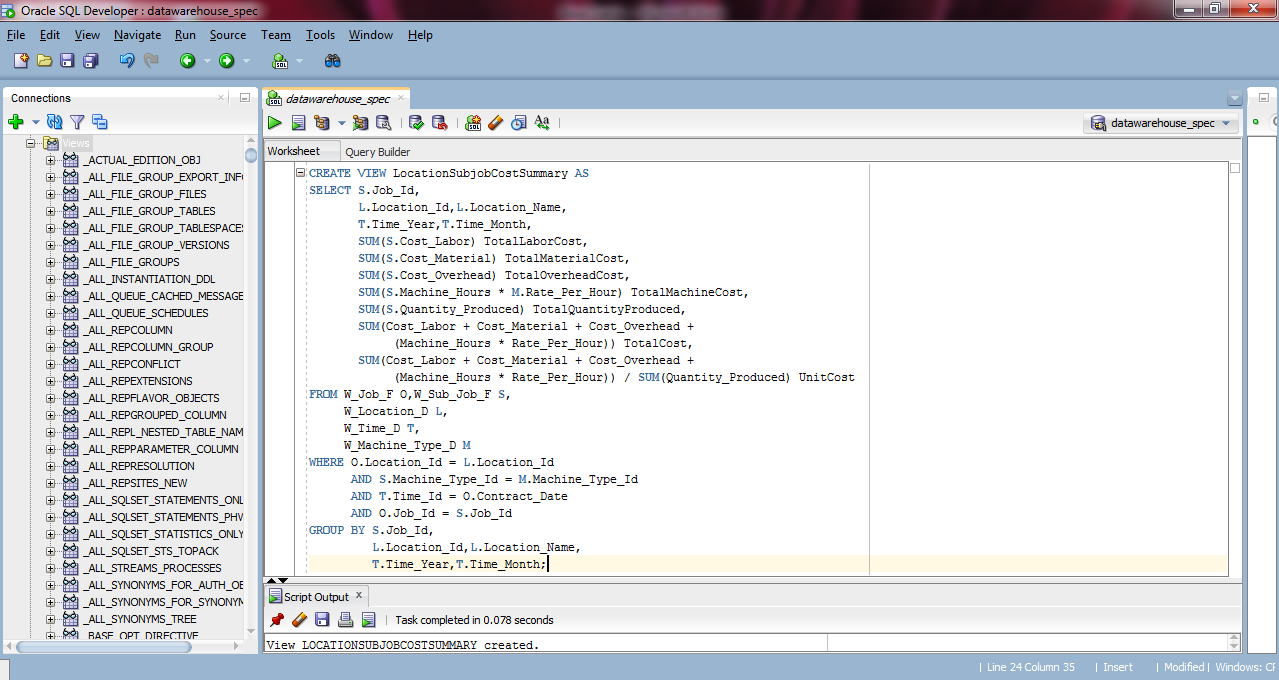
AND O.Job\_Id = S.Job\_Id

GROUP BY S.Job\_Id,

L.Location\_Id,L.Location\_Name,

T.Time\_Year,T.Time\_Month;

**Snapshot**

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**Base Query 4**

SELECT L.Location\_Id,L.Location\_Name,

S.Sales\_Class\_Id,S.Sales\_Class\_Desc,

T.Time\_Year,T.Time\_Month,

SUM(I.Quantity\_Shipped - I.Invoice\_Quantity) TotalReturnQuantity,

SUM( (I.Quantity\_Shipped - I.Invoice\_Quantity) \*

(I.Invoice\_Amount / I.Invoice\_Quantity) ) TotalReturnAmount

FROM W\_InvoiceLine\_F I

INNER JOIN W\_Time\_D T ON I.Invoice\_Sent\_Date = T.Time\_Id

INNER JOIN W\_Location\_D L ON I.Location\_Id = L.Location\_Id

INNER JOIN W\_Sales\_Class\_D S ON I.Sales\_Class\_Id = S.Sales\_Class\_Id

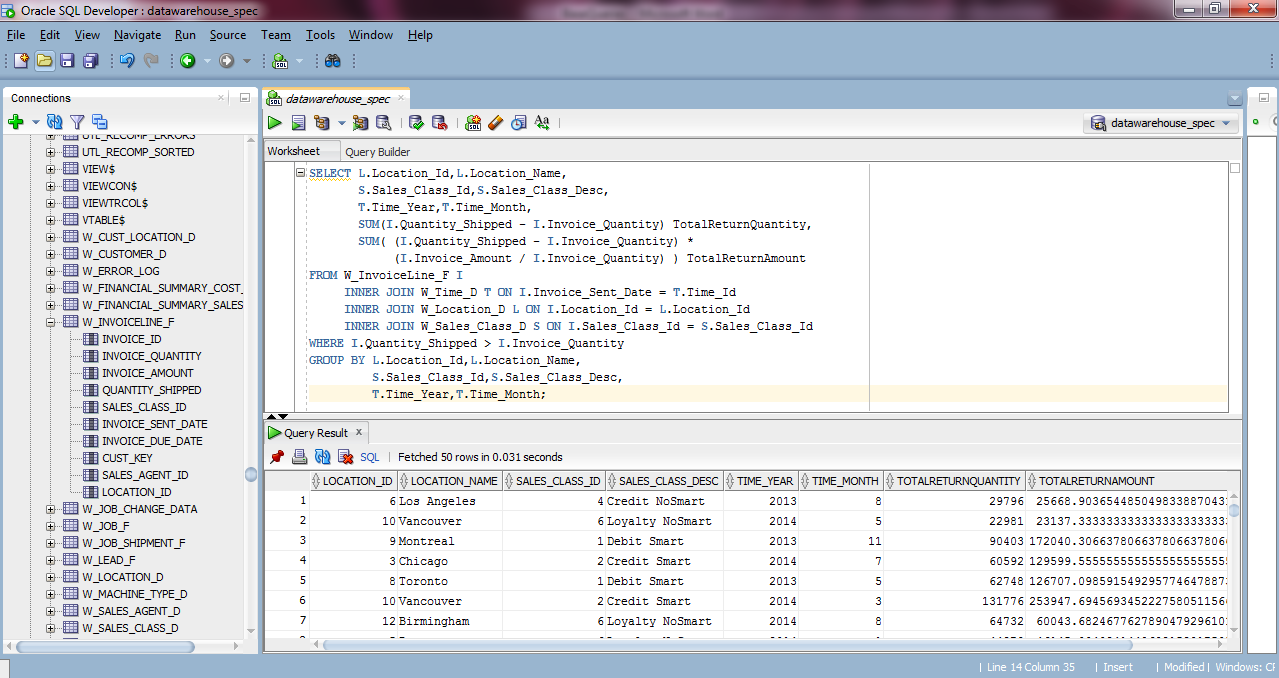
WHERE I.Quantity\_Shipped > I.Invoice\_Quantity

GROUP BY L.Location\_Id,L.Location\_Name,

S.Sales\_Class\_Id,S.Sales\_Class\_Desc,

T.Time\_Year,T.Time\_Month;

**Snapshot**

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**Base Query 5**

CREATE VIEW LastShipmentDelays AS

SELECT J.Job\_Id,

S.Sales\_Class\_Id,S.Sales\_Class\_Desc,

L.Location\_Id,L.Location\_Name,

J.Date\_Promised,X1.Last\_Shipment\_Date,

J.Quantity\_Ordered,X1.SumDelayShipQty,

GetBusDaysDiff(J.date\_promised,X1.Last\_Shipment\_Date) BusDaysDiff

FROM W\_Job\_F J,

W\_Location\_D L,

W\_Sales\_Class\_D S,

( SELECT W\_SUB\_JOB\_F.JOB\_ID,

MAX(actual\_ship\_Date) AS Last\_Shipment\_Date,

SUM (actual\_quantity) AS SumDelayShipQty

FROM W\_JOB\_SHIPMENT\_F, W\_SUB\_JOB\_F, W\_Job\_F

WHERE W\_SUB\_JOB\_F.SUB\_JOB\_ID = W\_JOB\_SHIPMENT\_F.SUB\_JOB\_ID

AND W\_Job\_F.Job\_Id = W\_SUB\_JOB\_F.JOB\_ID

AND Actual\_Ship\_Date > Date\_Promised

GROUP BY W\_SUB\_JOB\_F.JOB\_ID

) X1

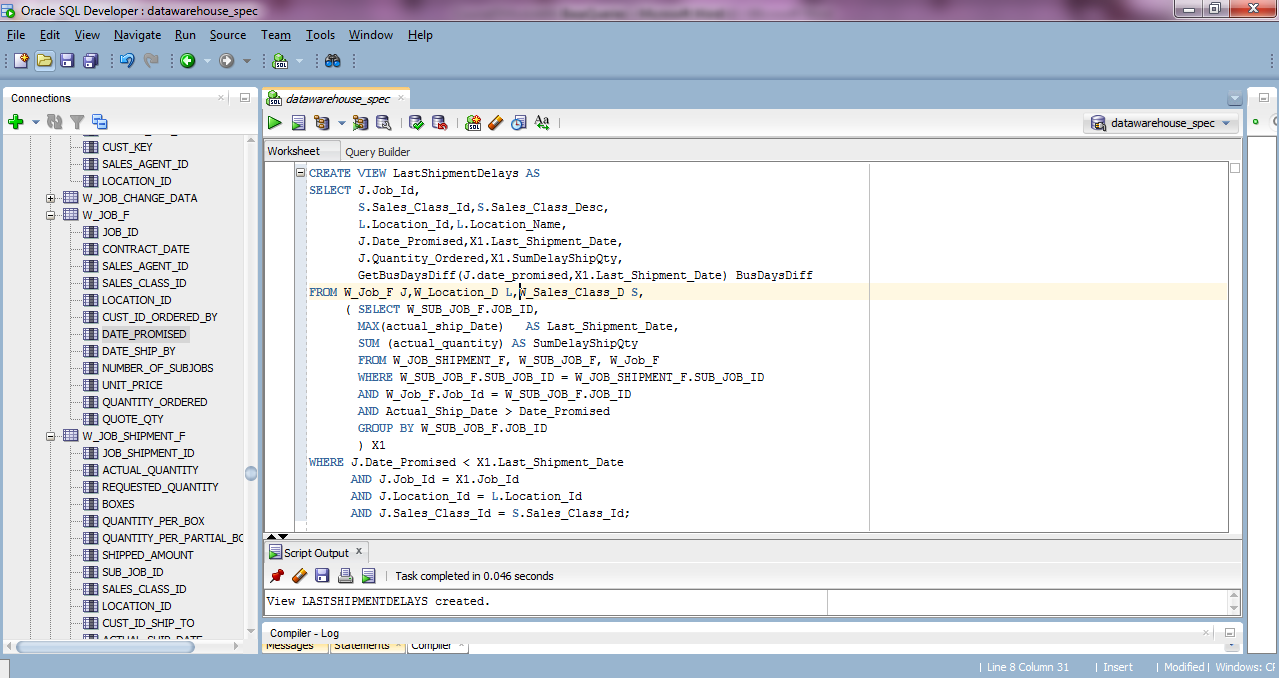
WHERE J.Date\_Promised < X1.Last\_Shipment\_Date

AND J.Job\_Id = X1.Job\_Id

AND J.Location\_Id = L.Location\_Id

AND J.Sales\_Class\_Id = S.Sales\_Class\_Id;

**Snapshot**



**Base Query 6**

CREATE VIEW FirstShipmentDelays AS

SELECT J.Job\_Id,

S.Sales\_Class\_Id,S.Sales\_Class\_Desc,

L.Location\_Id,L.Location\_Name,

J.Date\_Ship\_By,

X1.FirstShipDate,

GetBusDaysDiff(J.Date\_Ship\_By,X1.FirstShipDate) BusDaysDiff

FROM W\_Job\_F J,

W\_Location\_D L,

W\_Sales\_Class\_D S,

(SELECT W\_SUB\_JOB\_F.JOB\_ID, MIN(Actual\_Ship\_Date) as FirstShipDate

FROM W\_JOB\_SHIPMENT\_F, W\_SUB\_JOB\_F

WHERE W\_SUB\_JOB\_F.SUB\_JOB\_ID = W\_JOB\_SHIPMENT\_F.SUB\_JOB\_ID

GROUP BY W\_SUB\_JOB\_F.JOB\_ID

) X1

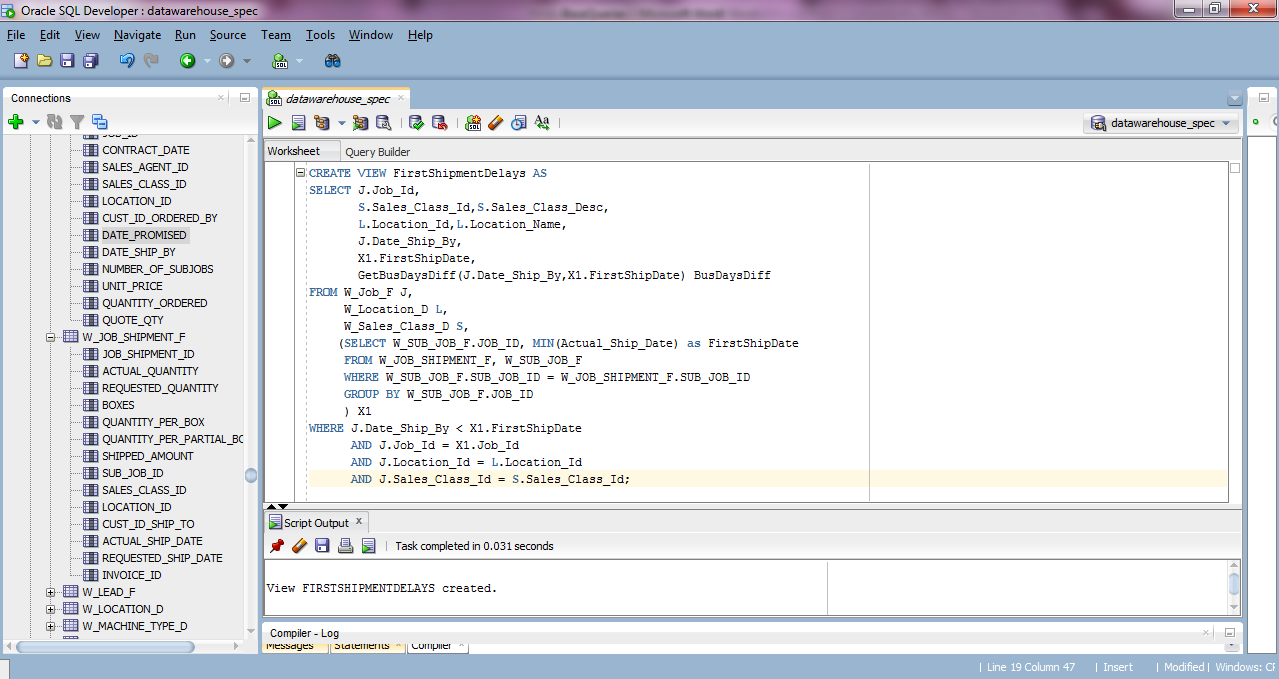
WHERE J.Date\_Ship\_By < X1.FirstShipDate

AND J.Job\_Id = X1.Job\_Id

AND J.Location\_Id = L.Location\_Id

AND J.Sales\_Class\_Id = S.Sales\_Class\_Id;

**Snapshot**

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