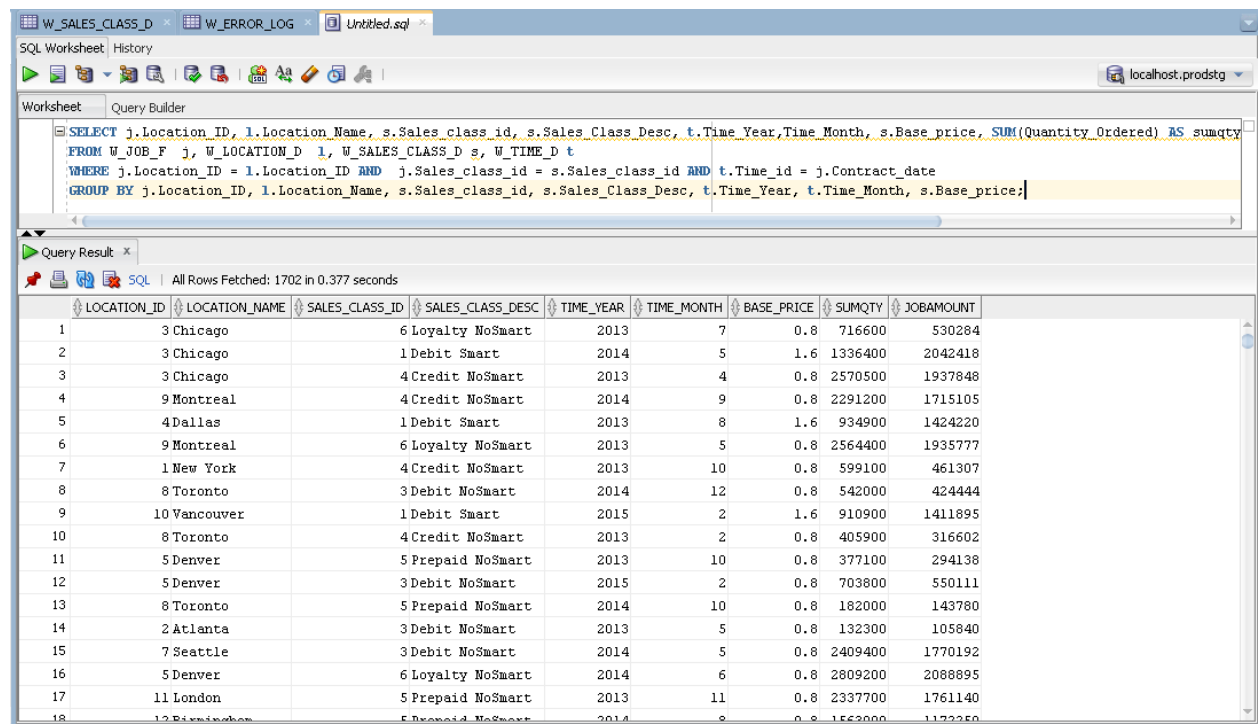


Base Queries

1. BQ1

```
SELECT j.Location_ID, l.Location_Name, s.Sales_class_id, s.Sales_Class_Desc,
t.Time_Year, Time_Month, s.Base_price, SUM(Quantity_Ordered) AS sumqty,
SUM(Quantity_Ordered*Unit_Price) AS jobAmount
FROM W_JOB_F j, W_LOCATION_D l, W_SALES_CLASS_D s, W_TIME_D t
WHERE j.Location_ID = l.Location_ID AND j.Sales_class_id = s.Sales_class_id AND
t.Time_id = j.Contract_date
GROUP BY j.Location_ID, l.Location_Name, s.Sales_class_id, s.Sales_Class_Desc,
t.Time_Year, t.Time_Month, s.Base_price;
```

Result:



The screenshot shows an SQL Worksheet interface with a query editor and a results grid. The query is the same as the one in BQ1. The results grid displays 18 rows of data with the following columns: LOCATION_ID, LOCATION_NAME, SALES_CLASS_ID, SALES_CLASS_DESC, TIME_YEAR, TIME_MONTH, BASE_PRICE, SUMQTY, and JOBAMOUNT.

LOCATION_ID	LOCATION_NAME	SALES_CLASS_ID	SALES_CLASS_DESC	TIME_YEAR	TIME_MONTH	BASE_PRICE	SUMQTY	JOBAMOUNT
1	3 Chicago	6 Loyalty NoSmart		2013	7	0.8	716600	530284
2	3 Chicago	1 Debit Smart		2014	5	1.6	1336400	2042418
3	3 Chicago	4 Credit NoSmart		2013	4	0.8	2570500	1937848
4	9 Montreal	4 Credit NoSmart		2014	9	0.8	2291200	1715105
5	4 Dallas	1 Debit Smart		2013	8	1.6	934900	1424220
6	9 Montreal	6 Loyalty NoSmart		2013	5	0.8	2564400	1935777
7	1 New York	4 Credit NoSmart		2013	10	0.8	599100	461307
8	8 Toronto	3 Debit NoSmart		2014	12	0.8	542000	424444
9	10 Vancouver	1 Debit Smart		2015	2	1.6	910900	1411895
10	8 Toronto	4 Credit NoSmart		2013	2	0.8	405900	316602
11	5 Denver	5 Prepaid NoSmart		2013	10	0.8	377100	294138
12	5 Denver	3 Debit NoSmart		2015	2	0.8	703800	550111
13	8 Toronto	5 Prepaid NoSmart		2014	10	0.8	182000	143780
14	2 Atlanta	3 Debit NoSmart		2013	5	0.8	132300	105840
15	7 Seattle	3 Debit NoSmart		2014	5	0.8	2409400	1770192
16	5 Denver	6 Loyalty NoSmart		2014	6	0.8	2809200	2088895
17	11 London	5 Prepaid NoSmart		2013	11	0.8	2337700	1761140
18	12 Pittsburgh	5 Prepaid NoSmart		2014	8	0.8	1563000	1123250

2. BQ2

```
SELECT j.JOB_ID, j.Location_ID, l.Location_Name, j.Unit_Price, j.Quantity_Ordered,
t.Time_Year, t.Time_Month, SUM(i.Invoice_Amount) AS sumAmount,
SUM(i.Invoice_Quantity) AS sumQty
FROM W_JOB_F j, W_LOCATION_D l, W_TIME_D t, W_INVOICELINE_F i, W_SUB_JOB_F
sj, W_JOB_SHIPMENT_F js
WHERE j.Location_ID = l.Location_ID AND t.Time_id = j.Contract_date
```

```

AND js.Invoice_Id = i.Invoice_Id AND j.Job_Id = sj.Job_Id AND js.Sub_Job_Id =
sj.Sub_Job_Id
GROUP BY j.JOB_ID, j.Location_ID, l.Location_Name, j.Unit_Price, j.Quantity_Ordered,
t.Time_Year, t.Time_Month;

```

CREATE VIEW BQ2 AS

```

SELECT j.JOB_ID, j.Location_ID, l.Location_Name, j.Unit_Price, j.Quantity_Ordered,
t.Time_Year, t.Time_Month, SUM(i.Invoice_Amount) AS sumAmount,
SUM(i.Invoice_Quantity) AS sumQty
FROM W_JOB_F j, W_LOCATION_D l, W_TIME_D t, W_INVOICELINE_F i, W_SUB_JOB_F
sj, W_JOB_SHIPMENT_F js
WHERE j.Location_ID = l.Location_ID AND t.Time_id = j.Contract_date
AND js.Invoice_Id = i.Invoice_Id AND j.Job_Id = sj.Job_Id AND js.Sub_Job_Id =
sj.Sub_Job_Id
GROUP BY j.JOB_ID, j.Location_ID, l.Location_Name, j.Unit_Price, j.Quantity_Ordered,
t.Time_Year, t.Time_Month

```

Result:

The screenshot shows a SQL Worksheet interface with a toolbar at the top. The main area displays a query and a view definition. The query is a SELECT statement with multiple joins and aggregations. Below the query, the view BQ2 is created using the same SELECT statement. The bottom of the window shows the 'Query Result' tab, which displays the message 'View BQ2 created.' and a status bar indicating 'Task completed in 0.594 seconds'.

```

SQL Worksheet History
localhost.prodsg
W_JOB_SHIPMENT_F 1 of 2
js Replace Skip Replace All Replace Completed: 2 Skipped, 4 Replaced
Worksheet Query Builder
SELECT j.JOB_ID, j.Location_ID, l.Location_Name, j.Unit_Price, j.Quantity_Ordered, t.Time_Year, t.Time_Month, SUM(i.Invoice_Amount) AS sumAmount,
FROM W_JOB_F j, W_LOCATION_D l, W_TIME_D t, W_INVOICELINE_F i, W_SUB_JOB_F sj, W_JOB_SHIPMENT_F js
WHERE j.Location_ID = l.Location_ID AND t.Time_id = j.Contract_date
AND js.Invoice_Id = i.Invoice_Id AND j.Job_Id = sj.Job_Id AND js.Sub_Job_Id = sj.Sub_Job_Id
GROUP BY j.JOB_ID, j.Location_ID, l.Location_Name, j.Unit_Price, j.Quantity_Ordered, t.Time_Year, t.Time_Month;

CREATE VIEW BQ2 AS
SELECT j.JOB_ID, j.Location_ID, l.Location_Name, j.Unit_Price, j.Quantity_Ordered, t.Time_Year, t.Time_Month, SUM(i.Invoice_Amount) AS sumAmount
FROM W_JOB_F j, W_LOCATION_D l, W_TIME_D t, W_INVOICELINE_F i, W_SUB_JOB_F sj, W_JOB_SHIPMENT_F js
WHERE j.Location_ID = l.Location_ID AND t.Time_id = j.Contract_date
AND js.Invoice_Id = i.Invoice_Id AND j.Job_Id = sj.Job_Id AND js.Sub_Job_Id = sj.Sub_Job_Id
GROUP BY j.JOB_ID, j.Location_ID, l.Location_Name, j.Unit_Price, j.Quantity_Ordered, t.Time_Year, t.Time_Month;

Query Result x Script Output x
Task completed in 0.594 seconds
View BQ2 created.

```

Untitled.sql BQ2										
Columns Data Grants Dependencies Details Triggers SQL										
Filter: Actio										
	JOB_ID	LOCATION_ID	LOCATION_NAME	UNIT PRICE	QUANTITY ORDERED	TIME_YEAR	TIME_MONTH	SUMAMOUNT	SUMQTY	
1	313193	2	Atlanta	0.74	829200	2014	2	422244	549365	
2	313200	12	Birmingham	0.76	612600	2013	11	291308	383300	
3	313239	11	London	1.58	227300	2014	7	272550	164310	
4	313221	7	Seattle	0.79	216500	2015	1	171035	216500	
5	313222	7	Seattle	0.8	75000	2014	8	60000	63000	
6	313213	6	Los Angeles	0.74	814000	2014	10	600140	773340	
7	313118	8	Toronto	0.73	956600	2013	5	589256	798068	
8	313101	10	Vancouver	0.77	559500	2013	5	398475	465166	
9	313105	8	Toronto	0.75	728400	2014	8	502350	669800	
10	313134	8	Toronto	1.58	184500	2014	5	291510	165138	
11	313139	9	Montreal	1.52	783200	2013	9	1078592	673991	
12	313142	10	Vancouver	1.54	619500	2014	4	954030	604350	
13	313143	10	Vancouver	0.74	1156000	2014	2	683538	898348	
14	313130	6	Los Angeles	1.6	90100	2014	2	144160	90100	
15	313181	9	Montreal	0.78	506000	2013	5	394524	485160	
16	313182	11	London	0.78	495100	2014	7	348036	399659	
17	313186	10	Vancouver	1.6	79100	2013	4	63360	39600	
18	313191	2	Atlanta	1.47	1069400	2013	11	652239	417310	
19	313169	11	London	1.5	657900	2013	6	843300	562200	
20	313178	1	New York	1.5	618400	2014	11	665100	409278	
21	313039	11	London	0.75	758400	2013	4	501375	668500	
22	313022	4	Dallas	0.78	260300	2014	2	203034	252038	
23	313024	8	Toronto	1.55	441900	2013	7	684945	431868	
24	313026	8	Toronto	1.54	442100	2014	7	435358	262800	
25	313089	7	Seattle	1.58	205600	2013	4	287876	165111	
26	313099	11	London	0.74	1031900	2014	8	685906	895830	

3. BQ3

CREATE VIEW BQ3 AS

SELECT JOB_ID, Location_ID, Location_Name, Time_Year, Time_Month, sumLabour, sumMaterial, sumOverhead, machineCost, sumQty, totalCost, totalCost/sumQty AS unitPrice

FROM (

SELECT sj.JOB_ID, sj.Location_ID, l.Location_Name, t.Time_Year, t.Time_Month, SUM(sj.Cost_Labor) AS sumLabour, SUM(sj.Cost_Material) AS sumMaterial, SUM(sj.Cost_Overhead) AS sumOverhead, SUM(sj.Machine_Hours*m.Rate_per_hour) AS machineCost, SUM(sj.Quantity_produced) AS sumQty,

SUM(sj.Cost_Labor+ sj.Cost_Material+ sj.Cost_Overhead+ (sj.Machine_Hours*m.Rate_per_hour)) AS totalCost

FROM W_SUB_JOB_F sj, W_JOB_F j, W_TIME_D t, W_LOCATION_D l, W_MACHINE_TYPE_D m

WHERE sj.Job_id = j.Job_id AND l.location_id = sj.Location_id AND t.Time_id = j.Contract_Date AND

sj.Machine_Type_id = m.Machine_Type_ID

GROUP BY sj.JOB_ID, sj.Location_ID, l.Location_Name, t.Time_Year, t.Time_Month);

Result:

	JOB_ID	LOCATION_ID	LOCATION_NAME	TIME_YEAR	TIME_MONTH	SUMLABOUR	SUMMATERIAL	SUMOVERHEAD	MACHINECOST	SUMQTY	TOTALCOST	UNITPRICE
1	312174	8	Toronto	2014	12	106482.69	53483.71	27345.85	71550	851600	258862.25	0.303971641615782
2	312180	1	New York	2014	12	73631.09	34521.48	20706.27	35400	533600	164258.84	0.3078314092953
3	312198	1	New York	2014	8	106870.21	58532.91	22358.55	59710	836300	247471.67	0.295912555303120
4	312201	2	Atlanta	2014	7	174062.8	23076.45	28727.38	49140	929500	275006.63	0.295865121032813
5	312202	12	Birmingham	2013	7	149506.04	73596.95	43667.18	87622	1213900	354392.17	0.291945110799901
6	312143	8	Toronto	2014	2	110069.7	30358.53	49174.93	46504	787100	236107.16	0.299970982086136
7	312150	3	Chicago	2013	9	147036.15	29633.92	25130.44	59370	416000	261170.51	0.627813725961536
8	312154	11	London	2013	9	194342.06	32956.68	21899.78	85800	1132000	334998.52	0.295935088339222
9	312161	6	Los Angeles	2014	8	58800.59	52279.4	26915.17	56720	632500	194715.16	0.307850055335968
10	312164	5	Denver	2013	3	72132.99	22890.95	34399.46	80920	683000	210343.4	0.307969838945827
11	312077	6	Los Angeles	2013	5	279985.8	60064.12	66717.91	134670	902600	541437.83	0.59986464657655
12	312081	1	New York	2014	1	195220.8	74341.97	54441.36	165990	816800	489994.13	0.59989487022526
13	312087	11	London	2013	5	63649.06	40483.9	21799.03	29280	247200	155211.99	0.627880218446601
14	312088	3	Chicago	2014	3	192064.34	48217.99	52268.42	89012	1289600	381562.75	0.295876822270471
15	312095	5	Denver	2013	7	46748.83	20591.17	12093.23	19980	318800	99413.23	0.311835727728983
16	312103	3	Chicago	2014	4	76880	24239.7	46951.33	122850	437000	270921.03	0.619956590389016
17	312111	1	New York	2013	9	57735.18	25290.57	14225.95	31048	204300	128299.7	0.627996573666177
18	312114	10	Vancouver	2014	4	129408.54	15221.8	11483.1	65280	728600	221393.44	0.303861432884984
19	312116	6	Los Angeles	2013	11	249357.82	42855.91	76525.82	85880	747900	454619.55	0.607861411953465
20	312122	9	Montreal	2013	11	104717.36	14104.24	28447.85	67440	706500	214709.45	0.303905803255484
21	312125	11	London	2013	9	27362.44	1768.4	1280.56	8600	123700	39011.4	0.315371059013742
22	312555	5	Denver	2013	11	87064.39	28046.24	32289.38	74732	730800	222132.01	0.303957320744385
23	312556	5	Denver	2015	2	58169.19	22002.08	25634.43	31220	445100	137025.7	0.307853740732415
24	312564	11	London	2013	9	117606.72	19065.95	14307.24	68970	743700	219949.91	0.295750853838913
25	312565	4	Dallas	2013	6	121023.14	5774.94	9032.6	42100	283400	177930.68	0.627842907551164
26	312571	6	Los Angeles	2013	10	77865.84	6336.03	13824.63	26440	399000	124466.5	0.311946115288220

4. BQ4

```

SELECT W_InvoiceLine_F.Location_Id, Location_Name, W_InvoiceLine_F.Sales_Class_Id,
Sales_Class_Desc, Time_Year, Time_Month,
SUM ( Quantity_shipped - Invoice_Quantity ) as QTYRETURNED, SUM (
(Quantity_shipped - Invoice_quantity) * (Invoice_amount/Invoice_quantity) ) AS
SUMAMTRETURNED
FROM W_INVOICELINE_F, W_Location_D, W_Sales_Class_D, W_TIME_D
WHERE quantity_shipped - invoice_quantity > 0
AND W_INVOICELINE_F.INVOICE_SENT_DATE = W_TIME_D.TIME_ID AND
W_INVOICELINE_F.Location_Id = W_Location_D.Location_Id
AND W_INVOICELINE_F.Sales_Class_Id = W_Sales_Class_D.Sales_Class_Id
GROUP BY W_InvoiceLine_F.Location_Id,
Location_Name, W_InvoiceLine_F.Sales_Class_Id, Sales_Class_Desc, Time_Year,
Time_Month;

```

Result:

[illegible]

5. BQ5

SELECT

```

Job_id,Location_ID,Location_Name,Sales_class_id,sales_class_desc,Date_Promised,Quantity_Ordered,LastShipDate,ShipQty,getBusDaysDiff(LastShipDate,Date_Promised) AS DaysDiff
FROM
(
    SELECT j.Job_id, j.Location_ID, l.Location_Name, j.Sales_class_id, s.sales_class_desc,
    j.Date_Promised, j.Quantity_Ordered, MAX(js.Actual_Ship_Date) AS LastShipDate,
    SUM(js.Actual_Quantity) AS ShipQty
    FROM W_JOB_F j, W_LOCATION_D l, W_SALES_CLASS_D s, W_SUB_JOB_F sj,
    W_JOB_SHIPMENT_F js
    WHERE js.Actual_Ship_Date > j.Date_Promised
    AND j.Location_id = l.Location_id AND j.Sales_Class_Id = s.Sales_Class_Id
    AND sj.SUB_JOB_ID = js.SUB_JOB_ID AND j.Job_Id = sj.JOB_ID
    GROUP BY j.Job_id, j.Location_ID, l.Location_Name, j.Sales_class_id,
    s.sales_class_desc,
    j.Date_Promised, j.Quantity_Ordered
) X1
WHERE LastShipDate > Date_Promised;

```

```

CREATE VIEW BQ5 AS
SELECT
Job_id,Location_ID,Location_Name,Sales_class_id,sales_class_desc,
Date_Promised,Quantity_Ordered,LastShipDate,ShipQty,
getBusDaysDiff(LastShipDate,Date_Promised) AS DaysDiff
FROM
(
    SELECT j.Job_id, j.Location_ID, l.Location_Name, j.Sales_class_id, s.sales_class_desc,
    j.Date_Promised, j.Quantity_Ordered, MAX(js.Actual_Ship_Date) AS LastShipDate,
    SUM(js.Actual_Quantity) AS ShipQty
    FROM W_JOB_F j,W_LOCATION_D l,W_SALES_CLASS_D s, W_SUB_JOB_F
    sj,W_JOB_SHIPMENT_F js
    WHERE js.Actual_Ship_Date > j.Date_Promised
    AND j.Location_id = l.Location_id AND j.Sales_Class_Id = s.Sales_Class_Id
    AND sj.SUB_JOB_ID = js.SUB_JOB_ID AND j.Job_Id = sj.JOB_ID
    GROUP BY j.Job_id, j.Location_ID, l.Location_Name, j.Sales_class_id,
    s.sales_class_desc,
    j.Date_Promised, j.Quantity_Ordered
) X1
WHERE LastShipDate > Date_Promised;

```

```

CREATE VIEW BQ5 AS
SELECT
Job_id,Location_ID,Location_Name,Sales_class_id,sales_class_desc,
Date_Promised,Quantity_Ordered,LastShipDate,SUMSHIPQTY,
getBusDaysDiff(LastShipDate,Date_Promised) AS DaysDiff
FROM
(
    SELECT
    W_JOB_F.Job_id,W_JOB_F.Location_ID,Location_Name,W_JOB_F.Sales_class_id,sales_cl
    ass_desc,
    Date_Promised,Quantity_Ordered,MAX(Actual_Ship_Date) AS
    LastShipDate,SUM(Actual_Quantity) AS SUMSHIPQTY
    FROM
    W_JOB_F,W_LOCATION_D,W_SALES_CLASS_D,W_SUB_JOB_F,W_JOB_SHIPMENT_F
    WHERE Actual_Ship_Date > Date_Promised
    AND W_JOB_F.Location_id = W_LOCATION_D.Location_id AND W_Job_F.Sales_Class_Id
    = W_Sales_Class_D.Sales_Class_Id
    AND 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

```

GROUP BY

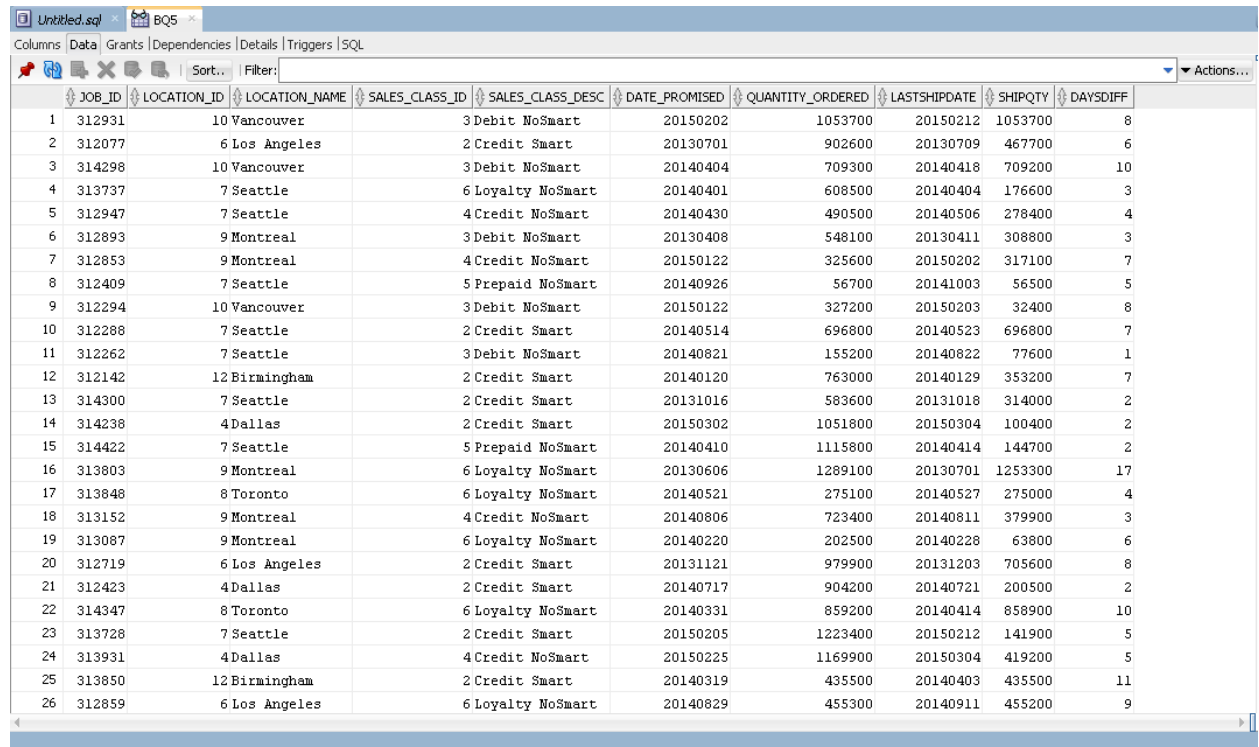
W_JOB_F.Job_id,W_JOB_F.Location_ID,Location_Name,W_JOB_F.Sales_class_id,sales_class_desc,

Date_Promised,Quantity_Ordered

)

WHERE LastShipDate > Date_Promised;

Result:



	JOB_ID	LOCATION_ID	LOCATION_NAME	SALES_CLASS_ID	SALES_CLASS_DESC	DATE_PROMISED	QUANTITY_ORDERED	LASTSHIPDATE	SHIPQTY	DAYSDIFF
1	312931	10	Vancouver	3	Debit NoSmart	20150202	1053700	20150212	1053700	8
2	312077	6	Los Angeles	2	Credit Smart	20130701	902600	20130709	467700	6
3	314298	10	Vancouver	3	Debit NoSmart	20140404	709300	20140418	709200	10
4	313737	7	Seattle	6	Loyalty NoSmart	20140401	608500	20140404	176600	3
5	312947	7	Seattle	4	Credit NoSmart	20140430	490500	20140506	278400	4
6	312893	9	Montreal	3	Debit NoSmart	20130408	548100	20130411	308800	3
7	312853	9	Montreal	4	Credit NoSmart	20150122	325600	20150202	317100	7
8	312409	7	Seattle	5	Prepaid NoSmart	20140926	56700	20141003	56500	5
9	312294	10	Vancouver	3	Debit NoSmart	20150122	327200	20150203	32400	8
10	312288	7	Seattle	2	Credit Smart	20140514	696800	20140523	696800	7
11	312262	7	Seattle	3	Debit NoSmart	20140821	155200	20140822	77600	1
12	312142	12	Birmingham	2	Credit Smart	20140120	763000	20140129	353200	7
13	314300	7	Seattle	2	Credit Smart	20131016	583600	20131018	314000	2
14	314238	4	Dallas	2	Credit Smart	20150302	1051800	20150304	100400	2
15	314422	7	Seattle	5	Prepaid NoSmart	20140410	1115800	20140414	144700	2
16	313803	9	Montreal	6	Loyalty NoSmart	20130606	1289100	20130701	1253300	17
17	313848	8	Toronto	6	Loyalty NoSmart	20140521	275100	20140527	275000	4
18	313152	9	Montreal	4	Credit NoSmart	20140806	723400	20140811	379900	3
19	313087	9	Montreal	6	Loyalty NoSmart	20140220	202500	20140228	63800	6
20	312719	6	Los Angeles	2	Credit Smart	20131121	979900	20131203	705600	8
21	312423	4	Dallas	2	Credit Smart	20140717	904200	20140721	200500	2
22	314347	8	Toronto	6	Loyalty NoSmart	20140331	859200	20140414	858900	10
23	313728	7	Seattle	2	Credit Smart	20150205	1223400	20150212	141900	5
24	313931	4	Dallas	4	Credit NoSmart	20150225	1169900	20150304	419200	5
25	313850	12	Birmingham	2	Credit Smart	20140319	435500	20140403	435500	11
26	312859	6	Los Angeles	6	Loyalty NoSmart	20140829	455300	20140911	455200	9

6. BQ6

SELECT

Job_id,Location_ID,Location_Name,Sales_class_id,sales_class_desc,

Date_Ship_By,FirstShipDate,getBusDaysDiff(FirstShipDate,Date_Ship_By) AS DaysDiff

FROM

(

SELECT j.Job_id, j.Location_ID, l.Location_Name, j.Sales_class_id, s.sales_class_desc,
j.Date_Ship_By, MIN(js.Actual_Ship_Date) AS FirstShipDate

FROM W_JOB_F j, W_LOCATION_D l, W_SALES_CLASS_D s, W_SUB_JOB_F

sj, W_JOB_SHIPMENT_F js

WHERE j.Location_id = l.Location_id AND j.Sales_Class_Id = s.Sales_Class_Id

AND sj.SUB_JOB_ID = js.SUB_JOB_ID AND j.Job_Id = sj.JOB_ID

```

        GROUP BY j.Job_id, j.Location_ID, l.Location_Name, j.Sales_class_id,
s.sales_class_desc,
        j.Date_Ship_By
    )
WHERE FirstShipDate > Date_Ship_By;

```

```

CREATE VIEW BQ6 AS
SELECT
Job_id,Location_ID,Location_Name,Sales_class_id,sales_class_desc,
Date_Ship_By,FirstShipDate,getBusDaysDiff(FirstShipDate,Date_Ship_By) AS DaysDiff
FROM
    (
        SELECT j.Job_id, j.Location_ID, l.Location_Name, j.Sales_class_id, s.sales_class_desc,
j.Date_Ship_By, MIN(js.Actual_Ship_Date) AS FirstShipDate
        FROM W_JOB_F j ,W_LOCATION_D l,W_SALES_CLASS_D s,W_SUB_JOB_F
sj,W_JOB_SHIPMENT_F js
        WHERE j.Location_id = l.Location_id AND j.Sales_Class_Id = s.Sales_Class_Id
        AND sj.SUB_JOB_ID = js.SUB_JOB_ID AND j.Job_Id = sj.JOB_ID
        GROUP BY j.Job_id, j.Location_ID, l.Location_Name, j.Sales_class_id,
s.sales_class_desc,
        j.Date_Ship_By
    )
WHERE FirstShipDate > Date_Ship_By;

```

Result:

Untitled.sql

BQ6

Columns

Data

Grants

Dependencies

Details

Triggers

SQL

Sort...

Filter:

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Actions...

	JOB_ID	LOCATION_ID	LOCATION_NAME	SALES_CLASS_ID	SALES_CLASS_DESC	DATE_SHIP_BY	FIRSTSHIPDATE	DAYSDIFF
1	312568	3	Chicago	1	Debit Smart	20130329	20130402	2
2	312546	1	New York	4	Credit NoSmart	20140708	20140710	2
3	313306	1	New York	1	Debit Smart	20141127	20141201	2
4	313376	10	Vancouver	4	Credit NoSmart	20141205	20141209	2
5	314422	7	Seattle	5	Prepaid NoSmart	20140404	20140408	2
6	313688	4	Dallas	6	Loyalty NoSmart	20130528	20130604	5
7	312239	12	Birmingham	5	Prepaid NoSmart	20141114	20141118	2
8	312219	6	Los Angeles	6	Loyalty NoSmart	20140711	20140716	3
9	312178	3	Chicago	1	Debit Smart	20140814	20140818	2
10	312077	6	Los Angeles	2	Credit Smart	20130621	20130625	2
11	314302	8	Toronto	6	Loyalty NoSmart	20141110	20141112	2
12	314244	8	Toronto	6	Loyalty NoSmart	20140825	20140827	2
13	314269	6	Los Angeles	6	Loyalty NoSmart	20140703	20140707	2
14	313777	4	Dallas	1	Debit Smart	20140529	20140602	2
15	313850	12	Birmingham	2	Credit Smart	20140312	20140331	13
16	313876	6	Los Angeles	6	Loyalty NoSmart	20140307	20140312	3
17	313079	10	Vancouver	3	Debit NoSmart	20140623	20140625	2
18	312412	7	Seattle	5	Prepaid NoSmart	20141106	20141110	2
19	312423	4	Dallas	2	Credit Smart	20140710	20140714	2
20	312295	10	Vancouver	3	Debit NoSmart	20140721	20140723	2
21	312262	7	Seattle	3	Debit NoSmart	20140819	20140821	2
22	312271	6	Los Angeles	6	Loyalty NoSmart	20150220	20150302	6
23	312142	12	Birmingham	2	Credit Smart	20140109	20140113	2
24	312004	1	New York	4	Credit NoSmart	20141225	20141229	2
25	313286	7	Seattle	2	Credit Smart	20140313	20140317	2
26	314477	7	Seattle	4	Credit NoSmart	20131211	20131216	3