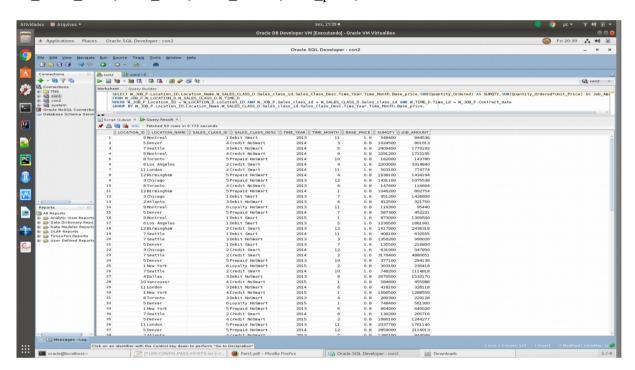
• BO1

SELECT W_JOB_F.Location_ID,Location_Name, W_SALES_CLASS_D.Sales_class_id, Sales_Class_De sc, Time_Year,Time_Month,Base_price, SUM(Quantity_Ordered) AS SUMQTY, SUM(Quantity_Ordered*Unit_Price) AS Job_Amount

FROM W_JOB_F, W_LOCATION_D, W_SALES_CLASS_D, W_TIME_D

WHERE 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_TIME_D.Time_id = W_JOB_F.Contract_date

GROUP BY W_JOB_F.Location_ID, Location_Name,W_SALES_CLASS_D.Sales_class_id, Sales Class Desc,Time Year, Time Month,Base price;



BQ2

SELECT W_JOB_F.JOB_ID, W_JOB_F.Location_ID, W_Location_D.Location_Name, Unit_Price, Quantity_Ordered, Time_Year, Time_Month, SUM(Invoice_Amount) AS SUMINVAMT, SUM(Invoice_Quantity) AS SUMINVQTY

FROM W_JOB_F, W_LOCATION_D, W_TIME_D, W_INVOICELINE_F, W_SUB_JOB_F, W_JOB_SHIPMENT_F

WHERE W_JOB_F.Location_ID = W_LOCATION_D.Location_ID AND W_TIME_D.Time_id = W_JOB_F.Contract_date AND W_Job_Shipment_F.Invoice_Id = W_InvoiceLine_F.Invoice_Id AND W_JOB_F.Job_Id = W_SUB_JOB_F.Job_Id AND W_JOB_SHIPMENT_F.Sub_Job_Id = W_Sub_Job_F.Sub_Job_Id

GROUP BY W_JOB_F.JOB_ID, W_JOB_F.Location_ID, W_Location_D.Location_Name, Unit_Price, Quantity_Ordered, Time_Year, Time_Month;

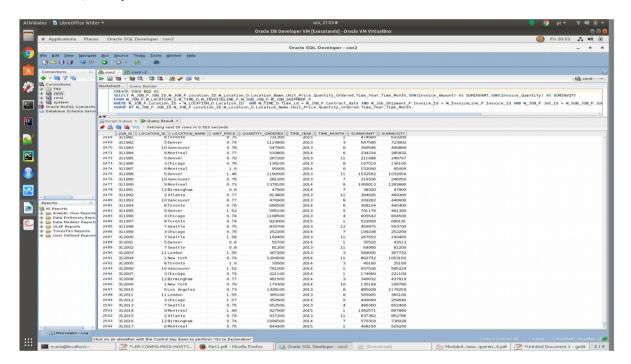
CREATE VIEW BQ2 AS

SELECT W_JOB_F.JOB_ID, W_JOB_F.Location_ID, W_Location_D.Location_Name, Unit_Price, Quantity_Ordered, Time_Year, Time_Month, SUM(Invoice_Amount) AS SUMINVAMT, SUM(Invoice_Quantity) AS SUMINVQTY

FROM W_JOB_F, W_LOCATION_D, W_TIME_D, W_INVOICELINE_F, W_SUB_JOB_F, W_JOB_SHIPMENT_F

WHERE W_JOB_F.Location_ID = W_LOCATION_D.Location_ID AND W_TIME_D.Time_id = W_JOB_F.Contract_date AND W_Job_Shipment_F.Invoice_Id = W_InvoiceLine_F.Invoice_Id AND W_JOB_F.Job_Id = W_SUB_JOB_F.Job_Id AND W_JOB_SHIPMENT_F.Sub_Job_Id = W_Sub_Job_F.Sub_Job_Id

GROUP BY W_JOB_F.JOB_ID, W_JOB_F.Location_ID, W_Location_D.Location_Name, Unit_Price, Quantity_Ordered, Time_Year, Time_Month;



BQ3

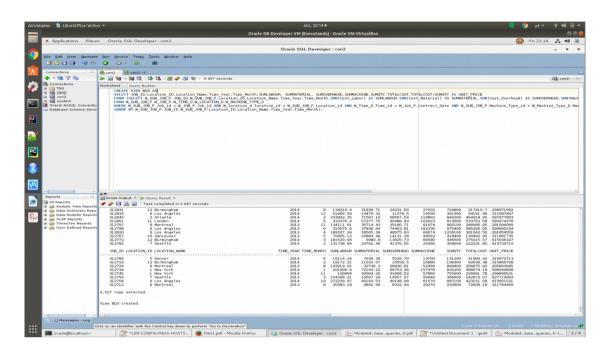
CREATE VIEW BQ3 AS

SELECT JOB_ID, Location_ID, Location_Name, Time_Year, Time_Month, SUMLABOUR, SUMMATERIAL, SUMOVERHEAD, SUMMACHINE, SUMQTY, TOTALCOST, TOTALCOST/SUMQTY AS UNIT_PRICE

FROM (SELECT W_SUB_JOB_F.JOB_ID, W_SUB_JOB_F.Location_ID, Location_Name, Time_Year, Time_Mont h, SUM(Cost_Labor) AS SUMLABOUR, SUM(Cost_Material) AS SUMMATERIAL, SUM(Cost_Overhead) AS SUMOVERHEAD, SUM(Machine_Hours*Rate_per_hour) AS SUMMACHINE, SUM(Quantity_produced) AS SUMQTY, SUM(Cost_Labor+Cost_Material+Cost_Overhead+Machine_Hours*Rate_per_hour) AS TOTALCOST

 ${\bf FROM}$ W_SUB_JOB_F, W_JOB_F, W_TIME_D, W_LOCATION_D, W MACHINE TYPE D

WHERE W_SUB_JOB_F.Job_id = W_JOB_F.Job_id AND W_location_d.location_id = W_SUB_JOB_F.Location_id AND W_Time_D.Time_id = W_Job_F.Contract_Date AND W_SUB_JOB_F.Machine_Type_id = W_Machine_Type_D.Machine_Type_ID GROUP BY W_SUB_JOB_F.JOB_ID, W_SUB_JOB_F.Location_ID, Location_Name, Time_Year, Time_Month);



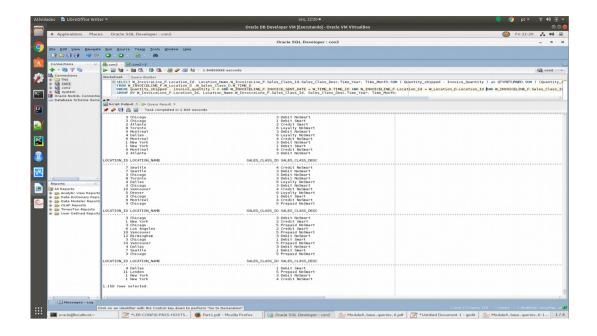
• BQ4

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;



• BQ5

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

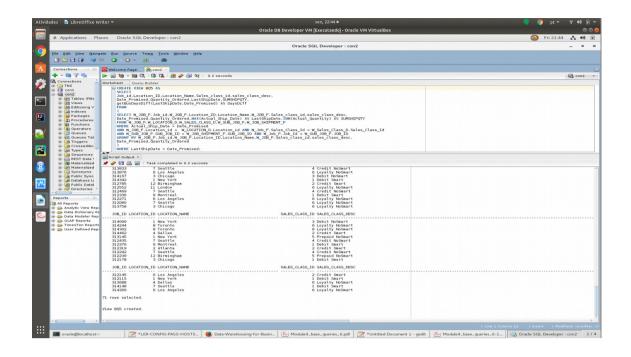
FROM (SELECT W_JOB_F.Job_id, W_JOB_F.Location_ID, Location_Name, W_JOB_F.Sales_class_id, sales_class_desc, Date_Promised, Quantity_Ordered, MAX(Actual_Ship_Date) AS LastShipDate, SUM(Actual_Quantity) AS SUMSHIPQTY

 ${\bf FROM}$ 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;



• BQ6

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 W_JOB_F.Job_id, W_JOB_F.Location_ID, Location_Name, W_JOB_F.Sales_class_id, sales_class_desc, Date_Ship_By, MIN(Actual_Ship_Date) AS FirstShipDate

 ${\bf FROM}$ W_JOB_F, W_LOCATION_D, W_SALES_CLASS_D, W_SUB_JOB_F, W_JOB_SHIPMENT_F

WHERE 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_Ship_By)

WHERE FirstShipDate > Date_Ship_By;

