## 1. Create Materialized View for 2011 Shipments

Write a CREATE MATERIALIZED VIEW statement according to the following specifications:

* The result should contain the sum of the extended cost, the sum of the quantity, and the count of inventory transactions.
* These calculated amounts should be summarized by the customer vendor key and the date key.
* The result should include only sales shipment transactions (transaction type 5) for the year 2011.
* The materialized view should not contain subtotals that are created by the CUBE and the ROLLUP keywords.
* To make the peer assessment easier, you should name your materialized view “SalesByVendorDateKeyMV2011”.

CREATE MATERIALIZED VIEW SalesByVendorDateKeyMV2011 BUILD IMMEDIATE REFRESH COMPLETE ON DEMAND ENABLE QUERY REWRITE

AS

SELECT f.CUSTVENDORKEY,

dd.DATEKEY,

SUM(f.EXTCOST),

SUM(f.QUANTITY),

COUNT(\*)

FROM INVENTORY\_FACT f

INNER JOIN DATE\_DIM dd

ON f.DATEKEY = dd.DATEKEY

WHERE dd.CALYEAR = 2011

AND f.TRANSTYPEKEY = 5

GROUP BY f.CUSTVENDORKEY,

dd.DATEKEY

