Quiz for module 3 assignment

Quiz, 49 questions

1 point

1. **Query 1**: Identify the table(s) to join in the SELECT statement.

- [ ] branch_plant_dim
- [x] cust_vendor_dim
- [ ] date_dim
- [ ] item_master_dim
- [x] inventory_fact

1 point

2. **Query 1**: Identify the column(s) with single table conditions in the WHERE clause of the SELECT statement. A single table condition compares a column to a constant or another column in the same table.

- ( ) CalMonth
- ( ) CalYear
- ( ) TransDescription
- (•) TransTypeKey

1 point

3. **Query 1**: Identify the column(s) following the PARTITION BY keywords in the analytic function specification.

- ( ) Cust_Vendor_Dim.Name
- (•) The statement does not contain a PARTITON BY clause so no columns are specified.
- ( ) Inventory_Fact.ExtCost
- ( ) Cust_Vendor_Dim.State

1 point

4. **Query 1**: Identify the column(s) following the GROUP BY keywords.

- ( ) Inventory_Fact.ExtCost
- (•) Cust_Vendor_Dim.Name
- ( ) No GROUP BY clause is used.
- ( ) Cust_Vendor_Dim.State

1 point

5. **Query 1**: How many rows appear in the result using the original data warehouse tables?

- ( ) 30
- (•) 20
- ( ) 78
- ( ) 110

1 point

6. **Query 2**: Identify the column(s) following the PARTITION BY keywords in the analytic function specification.

- ( ) The statement does not contain a PARTITON BY clause so no columns are specified.
- ( ) Inventory_Fact.ExtCost
- ( ) Cust_Vendor_Dim.Name
- (•) Cust_Vendor_Dim.State

1 point

7. **Query 2**: Identify the column(s) following the ORDER BY keywords in the last line of the SELECT statement.

- (•) Cust_Vendor_Dim.State
- ( ) Inventory_Fact.ExtCost
- ( ) No GROUP BY clause is used.
- ( ) Cust_Vendor_Dim.Name

1 point

8. **Query 2**: Identify the column(s) following the GROUP BY keywords.

- [ ] No GROUP BY clause is used.
- [x] Cust_Vendor_Dim.Name
- [x] Cust_Vendor_Dim.State
- [ ] Inventory_Fact.ExtCost

1 point

9. **Query 2**: How many rows appear in the result with CA as the value of Cust_Vendor_Dim.State using the original data warehouse tables?

- (•) 3

- 1
- 2
- 20

1 point

10. **Query 2**: What is the value for sum of the external cost for the California (CA) customer with rank of 2? You need to use the original data warehouse tables to answer this question.

- 34323504
- 34511461
- 33230987
- 34892699

1 point

11. **Query 3**: Identify the column(s) following the PARTITION BY keywords in the analytic function specification.

- The statement does not contain a PARTITON BY clause so no columns are specified.
- Inventory_Fact.ExtCost
- Cust_Vendor_Dim.State
- Cust_Vendor_Dim.Name

1 point

12. **Query 3**: Identify the column(s) following the GROUP BY keywords.

- Cust_Vendor_Dim.Name
- Cust_Vendor_Dim.State
- Inventory_Fact.ExtCost
- No GROUP BY clause is used.

1 point

13. **Query 3**: What is the largest value for the RANK function in the result? Use the data warehouse tables in the mmannino schema to answer this question.

- 17
- 20
- 21
- 10

1 point

14. **Query 3**: What is the largest value for the DENSE_RANK function in the result? You need to use the original data warehouse tables to answer this question.

- 19
- 17
- 21
- 20

1 point

15. **Query 3**: What is the Cust_Vendor_Dim.Name value in the first result row in which the RANK and DENSE_RANK values differ? You need to use the original data warehouse tables to answer this question.

- Customer 11
- Customer 13
- Customer 12
- Customer 10

1 point

16. **Query 4**: Identify the table(s) to join in the SELECT statement.

- [x] inventory_fact
- [ ] item_master_dim
- [x] cust_vendor_dim
- [ ] branch_plant_dim
- [x] date_dim

1 point

17. **Query 4**: Identify the column(s) with single table condition(s) in the WHERE clause of the SELECT statement. A single table condition compares a column to a constant or another column in the same table.

- CalMonth
- TransTypeKey
- TransDescription
- CalYear

1 point

18. **Query 4**: Identify the column(s) following the PARTITION BY keywords in the analytic function specification.

- ○ Date_Dim.CalYear
- ◉ The statement does not contain a PARTITON BY clause so no columns are specified.
- ○ Cust_Vendor_Dim.Zip
- ○ Date_Dim.CalMonth

---

1 point

19. **Query 4**: Identify the column(s) following the GROUP BY keywords.

- ■ Date_Dim.CalMonth
- ■ Date_Dim.CalYear
- ■ Cust_Vendor_Dim.Zip
- ☐ No GROUP BY clause is used.

---

1 point

20. **Query 4**: What keywords appear in the SELECT statement to specify the window size?

- ○ ROWS 1 PRECEDING 1 FOLLOWING
- ○ ROWS UNBOUNDED FOLLOWING
- ◉ ROWS UNBOUNDED PRECEDING
- ○ The statement does not contain a window size specification.

---

1 point

21. **Query 4**: How many rows appear in the result using the original data warehouse tables?

- ○ 20
- ○ 380
- ○ 400
- ◉ 480

---

1 point

22. **Query 5**: Identify the column(s) following the ORDER BY keywords inside the analytic function specification.

- ■ Date_Dim.CalYear
- ■ Date_Dim.CalMonth
- ☐ No ORDER BY clause is used.
- ■ Cust_Vendor_Dim.Zip

---

1 point

23. **Query 5**: Identify the column(s) following the PARTITION BY keywords in the analytic function specification.

- ☐ Date_Dim.CalMonth
- ■ Date_Dim.CalYear
- ☐ The statement does not contain a PARTITON BY clause so no columns are specified.
- ■ Cust_Vendor_Dim.Zip

---

1 point

24. **Query 5**: What is the cumulative sum of external cost for the combination of zip code 02162 in year 2011 for month 6? You need to use the original data warehouse tables to answer this question.

- ○ 8667500
- ○ 973597
- ○ 7693903
- ◉ 10367015

---

1 point

25. **Query 5**: What is the sum (non-cumulative) of external cost for the combination of zip code 02162 in year 2011 for month 6? You need to use the original data warehouse tables to answer this question.

- ○ 973597
- ◉ 1699515
- ○ 8667500
- ○ 1903537

---

1 point

26. **Query 6**: Identify the table(s) to join in the SELECT statement solution.

- ☐ cust_vendor_dim
- ■ inventory_fact
- ☐ date_dim
- ☐ branch_plant_dim

- [x] item_master_dim

---

1 point

27. **Query 6**: Identify the column(s) with single table condition(s) in the WHERE clause of the SELECT statement. A single table condition compares a column to a constant or another column in the same table.

- ( ) TransDescription
- (•) TransTypeKey
- ( ) CalYear
- ( ) CalMonth

---

1 point

28. **Query 6**: Identify the column(s) following the PARTITION BY keywords in the analytic function specification.

- ( ) Date_Dim.CalMonth
- ( ) Date_Dim.CalYear
- ( ) Cust_Vendor_Dim.Zip
- (•) The statement does not contain a PARTITON BY clause so no columns are specified.

---

1 point

29. **Query 6**: Identify the column(s) following the GROUP BY keywords.

- ( ) Date_Dim.CalMonth
- ( ) Date_Dim.CalYear
- (•) SecondItemId
- ( ) No GROUP BY clause is used.

---

1 point

30. **Query 6**: How many rows appear in the result using the original data warehouse tables?

- ( ) 40
- ( ) 10
- ( ) 30
- (•) 20

---

1 point

31. **Query 7**: Identify the table(s) to join in the SELECT statement solution.

- [x] item_master_dim
- [ ] branch_plant_dim
- [x] date_dim
- [ ] cust_vendor_dim
- [x] inventory_fact

---

1 point

32. **Query 7**: Identify the column(s) following the PARTITION BY keywords in the analytic function specification.

- ( ) Date_Dim.CalMonth
- ( ) The statement does not contain a PARTITON BY clause so no columns are specified.
- (•) Date_Dim.CalYear
- ( ) Cust_Vendor_Dim.Zip

---

1 point

33. **Query 7**: Identify the column(s) following the GROUP BY keywords.

- [ ] Date_Dim.CalMonth
- [x] Date_Dim.CalYear
- [x] SecondItemId
- [ ] No GROUP BY clause is used.

---

1 point

34. **Query 7**: How many rows appear in the result using the original data warehouse tables?

- (•) 40
- ( ) 20
- ( ) 50
- ( ) 30

---

1 point

35. **Query 7**: What is the ratio-to-report value in the result for the combination of 2011 for CalYear and "Second Part 18" for SecondItemId? You need to use the original data warehouse tables to answer this question.

- ( ) .0838853228
- ( ) .0644280166

- .0599893128
- (selected) .0662167168

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1 point

36. **Query 8**: Identify the column(s) following the PARTITION BY keywords in the analytic function specification.

- CompanyName
- CarryingCost
- (selected) The statement does not contain a PARTITON BY clause so no columns are specified.
- BPName

---

1 point

37. **Query 8**: Identify the column(s) following the GROUP BY keywords.

- Date_Dim.CalMonth
- Date_Dim.CalYear
- SecondItemId
- (selected) No GROUP BY clause is used.

---

1 point

38. **Query 8**: Identify the column(s) following the ORDER BY keywords inside the clause that specifies the RANK() analytic function.

- BPName
- (selected) CarryingCost
- CompanyName
- No ORDER BY clause is used.

---

1 point

39. **Query 8**: How many rows appear in the result using the original data warehouse tables?

- 10
- 30
- 40
- (selected) 20

---

1 point

40. **Query 9**: The SELECT statement should contain a nested SELECT statement in the FROM clause.

- (selected) True
- False

---

1 point

41. **Query 9**: How many rows appear in the result using the original data warehouse tables?

- (selected) 4
- 5
- 20
- 10

---

1 point

42. **Query 9**: What is the value of the CUME_DIST function column for the row with a BPName value of "Branch Plant 17"? You need to use the original data warehouse tables to answer this question.

- 1
- (selected) .21
- .91
- .95

---

1 point

43. **Query 9**: What is the value of the CarryingCost column for the row with a BPName value of "Branch Plant 1"? You need to use the original data warehouse tables to answer this question.

- .19
- (selected) .23
- .95
- .21

---

1 point

44. **Query 10**: Identify the table(s) to join in the SELECT statement solution.

- [ ] item_master_dim
- [ ] date_dim
- [ ] branch_plant_dim
- [x] inventory_fact

- [x] cust_vendor_dim

---

1 point

45. **Query 10**: Identify the column(s) with single table conditions in the WHERE clause of the SELECT statement. A single table condition compares a column to a constant or another column in the same table.

- (•) Cust_Vendor_Dim.State
- ( ) Inventory_Fact.ExtCost
- ( ) Inventory_Fact.CustVendorKey
- ( ) Cust_Vendor_Dim.Name

---

1 point

46. **Query 10**: Identify the column(s) following the PARTITION BY keywords in the analytic function specification.

- (•) The statement does not contain a PARTITON BY clause so no columns are specified.
- ( ) Inventory_Fact.ExtCost
- ( ) Cust_Vendor_Dim.State
- ( ) Cust_Vendor_Dim.Name

---

1 point

47. **Query 10**: Identify the column(s) following the GROUP BY keywords.

- ( ) Cust_Vendor_Dim.State
- (•) No GROUP BY clause is used.
- ( ) Inventory_Fact.ExtCost
- ( ) Cust_Vendor_Dim.Name

---

1 point

48. **Query 10**: To eliminate duplicates in this statement, you should use the DISTINCT keyword.

- (•) True
- ( ) False

---

1 point

49. **Query 10**: How many rows appear in the result using the original data warehouse tables?

- ( ) 54
- ( ) 746
- (•) 1530
- ( ) 645

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