--- CountWithHotProductId SQL ---

```
      SELECT COUNT(*)
      FROM [Customers] AS [c]
      WHERE (
          SELECT COUNT(*)
          FROM [Orders] AS [o]
          WHERE [c].[Id] = [o].[CustomerId] AND (
              SELECT COUNT(*)
              FROM [OrderItems] AS [o0]
              WHERE [o].[Id] = [o0].[OrderId] AND [o0].[ProductId] =
CAST(24800 AS bigint)) > 0) > 0
```

--- AnyWithHotProductId SQL ---

```
      SELECT CASE
          WHEN EXISTS (
              SELECT 1
              FROM [Customers] AS [c]
              WHERE EXISTS (
                  SELECT 1
                  FROM [Orders] AS [o]
                  WHERE [c].[Id] = [o].[CustomerId] AND EXISTS (
                      SELECT 1
                      FROM [OrderItems] AS [o0]
                      WHERE [o].[Id] = [o0].[OrderId] AND
[o0].[ProductId] = CAST(24800 AS bigint)))) THEN CAST(1 AS bit)
          ELSE CAST(0 AS bit)
      END
```

--- CountWithoutShipmentEvents SQL ---

```
SELECT COUNT(*)
FROM [Customers] AS [c]
WHERE (
    SELECT COUNT(*)
    FROM [Orders] AS [o]
    WHERE [c].[Id] = [o].[CustomerId] AND (
        SELECT COUNT(*)
        FROM [ShipmentEvents] AS [s]
        WHERE [o].[Id] = [s].[OrderId]) = 0) > 0
```

--- AnyWithoutShipmentEvents SQL ---

```
      SELECT CASE
          WHEN EXISTS (
              SELECT 1
              FROM [Customers] AS [c]
              WHERE EXISTS (
                  SELECT 1
                  FROM [Orders] AS [o]
                  WHERE [c].[Id] = [o].[CustomerId] AND NOT EXISTS (
                      SELECT 1
                      FROM [ShipmentEvents] AS [s]
                      WHERE [o].[Id] = [s].[OrderId]))) THEN CAST(1 AS
bit)
          ELSE CAST(0 AS bit)
      END
```

--- CountWithHotProductId_Materialize SQL ---

```
      SELECT [c].[Id], [c].[CountryCode], [c].[CreatedAtUtc],
[c].[DisplayName], [c].[Email], [c].[ExternalId], [c].[LastLoginAtUtc],
[c].[LifetimeValue], [c].[Region], [c].[RiskScore], [c].[Status]

      FROM [Customers] AS [c]

      WHERE (

          SELECT COUNT(*)

          FROM [Orders] AS [o]

          WHERE [c].[Id] = [o].[CustomerId] AND (

              SELECT COUNT(*)

              FROM [OrderItems] AS [o0]

              WHERE [o].[Id] = [o0].[OrderId] AND [o0].[ProductId] =
CAST(24800 AS bigint)) > 0) > 0
```

--- AnyWithHotProductId_Materialize SQL ---

```
      SELECT [c].[Id], [c].[CountryCode], [c].[CreatedAtUtc],
[c].[DisplayName], [c].[Email], [c].[ExternalId], [c].[LastLoginAtUtc],
[c].[LifetimeValue], [c].[Region], [c].[RiskScore], [c].[Status]

      FROM [Customers] AS [c]

      WHERE EXISTS (

          SELECT 1

          FROM [Orders] AS [o]

          WHERE [c].[Id] = [o].[CustomerId] AND EXISTS (

              SELECT 1

              FROM [OrderItems] AS [o0]

              WHERE [o].[Id] = [o0].[OrderId] AND [o0].[ProductId] =
CAST(24800 AS bigint)))
```

--- CountWithoutShipmentEvents_Materialize SQL ---

```
      SELECT [c].[Id], [c].[CountryCode], [c].[CreatedAtUtc],
[c].[DisplayName], [c].[Email], [c].[ExternalId], [c].[LastLoginAtUtc],
[c].[LifetimeValue], [c].[Region], [c].[RiskScore], [c].[Status]
      FROM [Customers] AS [c]
      WHERE (
          SELECT COUNT(*)
          FROM [Orders] AS [o]
          WHERE [c].[Id] = [o].[CustomerId] AND (
              SELECT COUNT(*)
              FROM [ShipmentEvents] AS [s]
              WHERE [o].[Id] = [s].[OrderId]) = 0) > 0
```

--- AnyWithoutShipmentEvents_Materialize SQL ---

```
      SELECT [c].[Id], [c].[CountryCode], [c].[CreatedAtUtc],
[c].[DisplayName], [c].[Email], [c].[ExternalId], [c].[LastLoginAtUtc],
[c].[LifetimeValue], [c].[Region], [c].[RiskScore], [c].[Status]
      FROM [Customers] AS [c]
      WHERE EXISTS (
          SELECT 1
          FROM [Orders] AS [o]
          WHERE [c].[Id] = [o].[CustomerId] AND NOT EXISTS (
              SELECT 1
              FROM [ShipmentEvents] AS [s]
              WHERE [o].[Id] = [s].[OrderId]))
```

--- CompareDefault SQL ---

```
      SELECT TOP(1) [p].[Id], [p].[Brand], [p].[Category],
[p].[CreatedAtUtc], [p].[IsActive], [p].[ListPrice], [p].[Name],
[p].[Sku], [p].[UnitCost]

      FROM [Products] AS [p]

      WHERE [p].[Sku] = N'SKU-00024800'
```

--- CompareToLower SQL ---

```
      SELECT TOP(1) [p].[Id], [p].[Brand], [p].[Category],
[p].[CreatedAtUtc], [p].[IsActive], [p].[ListPrice], [p].[Name],
[p].[Sku], [p].[UnitCost]

      FROM [Products] AS [p]

      WHERE LOWER([p].[Sku]) = N'sku-00024800'
```

--- Projection SQL ---

```
      SELECT TOP(@p) [c].[Email], [c].[CountryCode], [c].[CreatedAtUtc],
[c].[DisplayName]
      FROM [Customers] AS [c]
```

--- WholeEntities SQL ---

```
      SELECT TOP(@p) [c].[Id], [c].[CountryCode], [c].[CreatedAtUtc],
[c].[DisplayName], [c].[Email], [c].[ExternalId], [c].[LastLoginAtUtc],
[c].[LifetimeValue], [c].[Region], [c].[RiskScore], [c].[Status]
      FROM [Customers] AS [c]
```

--- ProjectionNested SQL ---

```
      SELECT [c0].[Email], [c0].[CountryCode], [c0].[CreatedAtUtc],
[c0].[DisplayName], [c0].[Id], [s].[PaidAtUtc], [s].[ShippingTotal],
[s].[Subtotal], [s].[OrderedAtUtc], [s].[Id], [s].[DiscountAmount],
[s].[TaxAmount], [s].[Quantity], [s].[OrderId], [s].[LineNumber]
      FROM (
          SELECT TOP(@p) [c].[Email], [c].[CountryCode],
[c].[CreatedAtUtc], [c].[DisplayName], [c].[Id]
          FROM [Customers] AS [c]
      ) AS [c0]
      LEFT JOIN (
          SELECT [o].[PaidAtUtc], [o].[ShippingTotal], [o].[Subtotal],
[o].[OrderedAtUtc], [o].[Id], [o0].[DiscountAmount], [o0].[TaxAmount],
[o0].[Quantity], [o0].[OrderId], [o0].[LineNumber], [o].[CustomerId]
          FROM [Orders] AS [o]
          LEFT JOIN [OrderItems] AS [o0] ON [o].[Id] = [o0].[OrderId]
      ) AS [s] ON [c0].[Id] = [s].[CustomerId]
      ORDER BY [c0].[Id], [s].[Id], [s].[OrderId]
```

--- IncludeEntities SQL ---

```
      SELECT [c0].[Id], [c0].[CountryCode], [c0].[CreatedAtUtc],
[c0].[DisplayName], [c0].[Email], [c0].[ExternalId],
[c0].[LastLoginAtUtc], [c0].[LifetimeValue], [c0].[Region],
[c0].[RiskScore], [c0].[Status], [s].[Id], [s].[CustomerId],
[s].[DiscountTotal], [s].[GrandTotal], [s].[ItemCount],
[s].[OrderNumber], [s].[OrderedAtUtc], [s].[PaidAtUtc],
[s].[ShippingTotal], [s].[Status], [s].[Subtotal], [s].[TaxTotal],
[s].[OrderId], [s].[LineNumber], [s].[DiscountAmount], [s].[ProductId],
[s].[Quantity], [s].[TaxAmount], [s].[UnitPrice]

      FROM (

          SELECT TOP(@p) [c].[Id], [c].[CountryCode],
[c].[CreatedAtUtc], [c].[DisplayName], [c].[Email], [c].[ExternalId],
[c].[LastLoginAtUtc], [c].[LifetimeValue], [c].[Region],
[c].[RiskScore], [c].[Status]

          FROM [Customers] AS [c]

      ) AS [c0]

      LEFT JOIN (

          SELECT [o].[Id], [o].[CustomerId], [o].[DiscountTotal],
[o].[GrandTotal], [o].[ItemCount], [o].[OrderNumber],
[o].[OrderedAtUtc], [o].[PaidAtUtc], [o].[ShippingTotal], [o].[Status],
[o].[Subtotal], [o].[TaxTotal], [o0].[OrderId], [o0].[LineNumber],
[o0].[DiscountAmount], [o0].[ProductId], [o0].[Quantity],
[o0].[TaxAmount], [o0].[UnitPrice]

          FROM [Orders] AS [o]

          LEFT JOIN [OrderItems] AS [o0] ON [o].[Id] = [o0].[OrderId]

      ) AS [s] ON [c0].[Id] = [s].[CustomerId]

      ORDER BY [c0].[Id], [s].[Id], [s].[OrderId]
```

--- ProjectionNestedSplitQuery SQL ---

```
      SELECT TOP(@p) [c].[Email], [c].[CountryCode], [c].[CreatedAtUtc],
[c].[DisplayName], [c].[Id]
      FROM [Customers] AS [c]
      ORDER BY [c].[Id]

      SELECT [o2].[PaidAtUtc], [o2].[ShippingTotal], [o2].[Subtotal],
[o2].[OrderedAtUtc], [c0].[Id], [o2].[Id]
      FROM (
          SELECT TOP(@p) [c].[Id]
          FROM [Customers] AS [c]
          ORDER BY [c].[Id]
      ) AS [c0]
      INNER JOIN [Orders] AS [o2] ON [c0].[Id] = [o2].[CustomerId]
      ORDER BY [c0].[Id], [o2].[Id]

      SELECT [o4].[DiscountAmount], [o4].[TaxAmount], [o4].[Quantity],
[c0].[Id], [o2].[Id]
      FROM (
          SELECT TOP(@p) [c].[Id]
          FROM [Customers] AS [c]
          ORDER BY [c].[Id]
      ) AS [c0]
      INNER JOIN [Orders] AS [o2] ON [c0].[Id] = [o2].[CustomerId]
      INNER JOIN [OrderItems] AS [o4] ON [o2].[Id] = [o4].[OrderId]
      ORDER BY [c0].[Id], [o2].[Id]
```

--- IncludeEntitiesSplitQuery SQL ---

```
      SELECT TOP(@p) [c].[Id], [c].[CountryCode], [c].[CreatedAtUtc],
[c].[DisplayName], [c].[Email], [c].[ExternalId], [c].[LastLoginAtUtc],
[c].[LifetimeValue], [c].[Region], [c].[RiskScore], [c].[Status]
      FROM [Customers] AS [c]
      ORDER BY [c].[Id]


      SELECT [o].[Id], [o].[CustomerId], [o].[DiscountTotal],
[o].[GrandTotal], [o].[ItemCount], [o].[OrderNumber],
[o].[OrderedAtUtc], [o].[PaidAtUtc], [o].[ShippingTotal], [o].[Status],
[o].[Subtotal], [o].[TaxTotal], [c0].[Id]
      FROM (
          SELECT TOP(@p) [c].[Id]
          FROM [Customers] AS [c]
          ORDER BY [c].[Id]
      ) AS [c0]
      INNER JOIN [Orders] AS [o] ON [c0].[Id] = [o].[CustomerId]
      ORDER BY [c0].[Id], [o].[Id]


      SELECT [o0].[OrderId], [o0].[LineNumber], [o0].[DiscountAmount],
[o0].[ProductId], [o0].[Quantity], [o0].[TaxAmount], [o0].[UnitPrice],
[c0].[Id], [o].[Id]
      FROM (
          SELECT TOP(@p) [c].[Id]
          FROM [Customers] AS [c]
          ORDER BY [c].[Id]
      ) AS [c0]
      INNER JOIN [Orders] AS [o] ON [c0].[Id] = [o].[CustomerId]
      INNER JOIN [OrderItems] AS [o0] ON [o].[Id] = [o0].[OrderId]
      ORDER BY [c0].[Id], [o].[Id]
```