Broadcast stage(end_node_id 35): item,10000FileScan->Filter->Project->BroadcastExchange | Broadcast stage(end_node_id 39): date_dim,10000FileScan->Filter->Project->BroadcastExchange

First stage (end_node_id 23): File Scan web_sales,2338.2FileScan->Filter->ExchangeHashpartitioning | First stage (end_node_id 48): File Scan store_sales,9130.4FileScan->Filter->ExchangeHashpartitioning | First stage (end_node_id 48): File Scan store_sales,9130.4FileScan->Filter->ExchangeHashpar

NormalStage (end node id 14): length of beginNodesToChains is 3 [3,0,5,4,5,5,0,0] Chain 0 is: Sort [customer sk#3 ASC NULLS FIRST], false, 0 | Sort->SortMergeJoin->Project->HashAggregate->HashAggregate->Sort->SortMergeJoin->Project->ExchangeHashpartitioning Broadcast stage(end_node_id 55): store,10000FileScan->Filter->BroadcastExchange Broadcast stage(end_node_id 58): date_dim,10000FileScan->Filter->Project->BroadcastExchange | First stage (end_node_id 64): File Scan date_dim,0FileScan->Filter->Project->HashAggregate->ExchangeHashpartitioning | Chain 1 is: Sort [c customer sk#131 ASC NULLS FIRST], false, 0 Sort->SortMergeJoin->Project->HashAggregate->HashAggregate->Sort->SortMergeJoin->Project->ExchangeHashpartitioning Chain 2 is: Sort [ss_customer_sk#152 ASC NULLS FIRST], false, 0 Sort->SortMergeJoin->Project->ExchangeHashpartitioning NormalStage (end node id 5): length of beginNodesToChains is 4 Chain 0 is : HashAggregate(keys=[(d_month_seq + 1)#247], functions=[])

egate->Empty->Subquery->Filter->Project->BroadcastExchange->BroadcastHashJoin->Project->HashAggregate->ExchangeHashpartitioning Chain 1 is : HashAggregate(keys=[(d_month_seq + 3)#248], functions=[])
HashAggregate->Empty->Subquery->Filter->Project->BroadcastExchange->BroadcastHashJoin->Project->HashAggregate->ExchangeHashpartitioning Chain 2 is: Sort [c_current_addr_sk#135 ASC NULLS FIRST], false, 0 Sort->SortMergeJoin->Project->BroadcastHashJoin->Project->BroadcastHashJoin->Project->HashAggregate->ExchangeHashpartitioning Chain 3 is: Sort [ca_address_sk#172 ASC NULLS FIRST], false, 0

Sort->SortMergeJoin->Project->BroadcastHashJoin->Project->BroadcastHashJoin->Project->HashAggregate->ExchangeHashpartitioning NormalStage (end node id 2): length of beginNodesToChains is 1 [1,0,0,2,0,0,0,0]Chain 0 is: HashAggregate(keys=[c_customer_sk#131], functions=[sum(ss_ext_sales_price#164)]) HashAggregate->HashAggregate->ExchangeHashpartitioning NormalStage (end_node_id 0): length of beginNodesToChains is 1 [1.0.0.1.0.0.0.0] Chain 0 is : HashAggregate(keys=[segment#11], functions=[count(1)])
HashAggregate->TakeOrderedAndProject

First stage (end_node_id 72): File Scan date_dim,0FileScan->Filter->Project->HashAggregate->ExchangeHashpartitioning First stage (end_node_id 52): File Scan customer_address,0FileScan->Filter->ExchangeHashpartitioning