

First stage (end_node_id 15): File Scan catalog_sales,6623.5FileScan->Filter->BroadcastHashJoin->Project->BroadcastHashJoin->Project->BroadcastHashJoin->Project->BroadcastHashJoin->Project->HashAggregate->ExchangeHashpartitioning NormalStage (end node id 13): length of beginNodesToChains is 1 NormalStage (end node id 6): length of beginNodesToChains is 1

Sort->Empty->Filter->Empty->Filter->Project->ExchangeHashpartitioning

nd#15 ASC NULLS FIRST, cc_name#97 ASC NULLS FIRST, d_vear#69 ASC NULLS FIRST, d_mov#71 ASC NULLS FIRST] false 0

Broadcast stage(end_node_id 31): call_center,10000FileScan->Filter->BroadcastExchange