Dataform Reverse Mapping & Lineage: RiteWorkorderPart

Mapping Document

SECTION 0: INPUT_SUMMARY

Field	Value
Model Name	RiteWorkorderPart
Schema / Dataset	RITE_SRC
Materialization Type	Full Load
Number of Source Tables	4
Number of CTEs	0
Join Types Used	LEFT JOIN
Window Functions Used	Not Present
Incremental Model	No
Mapping File Provided	Yes

SECTION 1: MODEL_OVERVIEW

Field	Value
Model Name	RiteWorkorderPart
Schema / Dataset	RITE_SRC
Materialization Type	Full Load
Number of Source Tables	4
Number of CTEs	0
Join Types Used	LEFT JOIN
Window Functions Used	Not Present
Incremental Model	No
Incremental Strategy	Not Applicable

Field	Value
Number of Output Columns	17
Number of Derived Columns	5
Mapping File Loaded	Yes

SECTION 2: MODEL_METADATA

Field	Value
model name / identifier	Not Present
dataset / schema	Not Present
materialization type	Not Present
tags	Not Present
description	Not Present
partitioning	Not Present
clustering	Not Present
unique keys	Not Present
merge keys	Not Present
predicates	Not Present

SECTION 3: ADDITIONAL_OPERATIONS

Operation	SQL Fragment
GROUP BY	Not Present
ORDER BY	Not Present
DISTINCT	Not Present
LIMIT	Not Present
QUALIFY	Not Present

SECTION 4: SOURCE_REFERENCES

Reference Name	SQL Alias	Business Alias	CTE or SELECT Location	Referenced Columns
NULL	NULL	NULL	NULL	NULL

SECTION 5: CTE_DEPENDENCIES

CTE Name	Parent Inputs	Joins Inside CTE	Filters / Conditions	Output Column Expressions	Consumed By
NULL	NULL	NULL	NULL	NULL	NULL

SECTION 6: JOIN_DETAILS

Join Number	Join Type	Left Relation	Right Relation	Join Condition	Post-Join Filters
1	LEFT JOIN	`RITE_SRC.TBLWORKORDER` AS SRCWO	`RITE_SRC.TBLWORKORDERASSET` AS SRCWOA	SRCWO.WO_ID=SRCWOA.WO_ID	Not Present
2	LEFT JOIN	`RITE_SRC.TBLWORKORDERASSET` AS SRCWOA	`RITE_SRC.TBLFIXEDASSET` AS SRCTBLFA	upper(SRCTBLFA.ASSET_CODE)=upper(SRCWOA.ASSET_CODE) and upper(SRCTBLFA.SERIAL_NO)=upper(SRCWOA.SERIAL_NO)	Not Present
3	LEFT JOIN	`RITE_SRC.TBLWORKORDERASSET` AS SRCWOA	`RITE_SRC.TBLWORKORDERASSETPARTS` AS SRCWOAPARTS	SRCWOA.wo_id=SRCWOAPARTS.WO_ID	Not Present

SECTION 7: FILTERS_AND_CONDITIONS

Type	Condition
WHERE clauses	Not Present
HAVING clauses	Not Present
QUALIFY clauses	Not Present
CASE WHEN expressions	Not Present
COALESCE / IFNULL	`coalesce(SRCWO.WO_ID ,0)`, `coalesce(SRCWOA.ASSET_SN_ID,0)`, `coalesce(SRCWOAPARTS.PART_ID ,0)`

Type	Condition
Boolean Logic	`upper(SRCTBLFA.ASSET_CODE)=upper(SRCWOA.ASSET_CODE) and upper(SRCTBLFA.SERIAL_NO)=upper(SRCWOA.SERIAL_NO)`
is_incremental()	Not Present

SECTION 8: OUTPUT_COLUMNS_DETAIL

Output Column Name	SQL Expression	Source Columns Involved	Derivation Type	Casting/Defaults
PrimaryKey	`concat(coalesce(SRCWO.WO_ID , 0),'&',coalesce(SRCWOA.ASSET_SN_ID,0),'&',coalesce(SRCWOAPARTS.PART_ID ,0))`	WO_ID, ASSET_SN_ID, PART_ID	Derived	`coalesce` to 0
WorkorderNum_WO_ID	`SRCWO.WO_ID`	WO_ID	Passthrough	Not Applicable
EquipmentSNId_ASSET_SN_ID	`SRCWOA.ASSET_SN_ID`	ASSET_SN_ID	Passthrough	Not Applicable
PartId_PART_ID	`SRCWOAPARTS.PART_ID`	PART_ID	Passthrough	Not Applicable
WorkorderStatus_STATUS	`SRCWOA.STATUS`	STATUS	Passthrough	Not Applicable
PartNumber_PART_NO	`SRCWOAPARTS.PART_NO`	PART_NO	Passthrough	Not Applicable
UnitPrice_UNIT_PRICE	`SRCWOAPARTS.UNIT_PRICE`	UNIT_PRICE	Passthrough	Not Applicable
PartQuantity_QUANTITY	`SRCWOAPARTS.QUANTITY`	QUANTITY	Passthrough	Not Applicable
EquipmentType_ASSET_CODE	`SRCWOA.ASSET_CODE`	ASSET_CODE	Passthrough	Not Applicable
EquipmentSerialNumber_SERIAL_NO	`SRCWOA.SERIAL_NO`	SERIAL_NO	Passthrough	Not Applicable
WorkorderDate_WO_DATE	`SRCWOA.WO_DATE`	WO_DATE	Passthrough	Not Applicable
WorkorderType_WO_TYPE	`SRCWO.WO_TYPE`	WO_TYPE	Passthrough	Not Applicable
AccountUnit_ACC_UNIT	`SRCWO.ACC_UNIT`	ACC_UNIT	Passthrough	Not Applicable
UPDATED_DATETIME	`CURRENT_TIMESTAMP()`	-	Derived	Not Applicable
UPDATED_BY	`"a2r-data-product-dataform : RiteWorkorderPart.sqlx"`	-	Derived	Constant
CREATED_DATETIME	`CURRENT_TIMESTAMP()`	-	Derived	Not Applicable
CREATED_BY	`"a2r-data-product-dataform : RiteWorkorderPart.sqlx"`	-	Derived	Constant

SECTION 9: INCREMENTAL_LOGIC

Field	Value
Merge Keys	Not Applicable
Incremental Predicate	Not Applicable
Update Logic	Not Applicable
Delete Logic	Not Applicable
Partition Pruning	Not Applicable

SECTION 10: COLUMN_DESCRIPTIONS

Column Name	SQL Comment Description	Mapping File Description
PrimaryKey	NULL	Primary Key
WorkorderNum_WO_ID	NULL	Workorder Number
EquipmentSNId_ASSET_SN_ID	NULL	Equipment SN Id
PartId_PART_ID	NULL	Part Id
WorkorderStatus_STATUS	NULL	Workorder Status
PartNumber_PART_NO	NULL	Part Number
UnitPrice_UNIT_PRICE	NULL	Part Unit Price
PartQuantity_QUANTITY	NULL	Part Quantity
EquipmentType_ASSET_CODE	NULL	Equipment Type
EquipmentSerialNumber_SERIAL_NO	NULL	Equipment Serial Number
WorkorderDate_WO_DATE	NULL	Workorder Date
WorkorderType_WO_TYPE	NULL	Workorder Type
AccountUnit_ACC_UNIT	NULL	Account Unit
UPDATED_DATETIME	NULL	Record updated time
UPDATED_BY	NULL	Process which updated the record
CREATED_DATETIME	NULL	Process update time
CREATED_BY	NULL	Process

SECTION 11: END_TO_END_LINEAGE_SUMMARY

Source Table.Column	CTE.Column	Final Output Column
`RITE_SRC.TBLWORKORDER.WO_ID`	Not Applicable	PrimaryKey, WorkorderNum_WO_ID
`RITE_SRC.TBLWORKORDERASSET.ASSET_SN_ID`	Not Applicable	PrimaryKey, EquipmentSNId_ASSET_SN_ID
`RITE_SRC.TBLWORKORDERASSETPARTS.PART_ID`	Not Applicable	PrimaryKey, PartId_PART_ID
`RITE_SRC.TBLWORKORDERASSET.STATUS`	Not Applicable	WorkorderStatus_STATUS
`RITE_SRC.TBLWORKORDERASSETPARTS.PART_NO`	Not Applicable	PartNumber_PART_NO
`RITE_SRC.TBLWORKORDERASSETPARTS.UNIT_PRICE`	Not Applicable	UnitPrice_UNIT_PRICE
`RITE_SRC.TBLWORKORDERASSETPARTS.QUANTITY`	Not Applicable	PartQuantity_QUANTITY
`RITE_SRC.TBLWORKORDERASSET.ASSET_CODE`	Not Applicable	EquipmentType_ASSET_CODE
`RITE_SRC.TBLWORKORDERASSET.SERIAL_NO`	Not Applicable	EquipmentSerialNumber_SERIAL_NO
`RITE_SRC.TBLWORKORDERASSET.WO_DATE`	Not Applicable	WorkorderDate_WO_DATE
`RITE_SRC.TBLWORKORDER.WO_TYPE`	Not Applicable	WorkorderType_WO_TYPE
`RITE_SRC.TBLWORKORDER.ACC_UNIT`	Not Applicable	AccountUnit_ACC_UNIT