RiteWorkorderPart Mapping Document

Mapping Document

SECTION 0: INPUT_SUMMARY

Attribute	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

Attribute	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

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

SECTION 2: MODEL_METADATA

Parameter	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
incremental settings	Not Present

SECTION 3: ADDITIONAL_OPERATIONS

Operation	SQL Expression
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	Lineage Path
NULL	NULL	NULL	NULL	NULL	NULL

SECTION 5: CTE_DEPENDENCIES

CTE Name	Parent Inputs	Joins	Filters / Conditions	Output Column Expressions	Consumed By
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

SECTION 6: JOIN_DETAILS

Join Type	Left Relation	Right Relation	Join Condition	Post-Join Filters
left join	SRCWO	SRCWOA	SRCWO.WO_ID=SRCWOA.WO_ID	Not Present
left join	SRCTBLFA	SRCWOA	upper(SRCTBLFA.ASSET_CODE)=upper(SRCWOA.ASSET_CODE) and upper(SRCTBLFA.SERIAL_NO)=upper(SRCWOA.SERIAL_NO)	Not Present
left join	SRCWOAPARTS	SRCWOA	SRCWOA.wo_id=SRCWOAPARTS.WO_ID	Not Present

SECTION 7: FILTERS_AND_CONDITIONS

Clause / Function	Full SQL Expression
WHERE	Not Present
HAVING	Not Present
QUALIFY	Not Present
CASE	Not Present
COALESCE / IFNULL	coalesce(SRCWO.WO_ID ,0)
COALESCE / IFNULL	coalesce(SRCWOA.ASSET_SN_ID,0)
COALESCE / IFNULL	coalesce(SRCWOAPARTS.PART_ID ,0)

Clause / Function	Full SQL Expression
BOOLEAN LOGIC	upper(SRCTBLFA.ASSET_CODE)=upper(SRCWOA.ASSET_CODE) and upper(SRCTBLFA.SERIAL_NO)=upper(SRCWOA.SERIAL_NO)
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` with 0
WorkorderNum_WO_ID	SRCWO.WO_ID	WO_ID	Passthrough	None
EquipmentSNId_ASSET_SN_ID	SRCWOA.ASSET_SN_ID	ASSET_SN_ID	Passthrough	None
PartId_PART_ID	SRCWOAPARTS.PART_ID	PART_ID	Passthrough	None
WorkorderStatus_STATUS	SRCWOA.STATUS	STATUS	Passthrough	None
PartNumber_PART_NO	SRCWOAPARTS.PART_NO	PART_NO	Passthrough	None
UnitPrice_UNIT_PRICE	SRCWOAPARTS.UNIT_PRICE	UNIT_PRICE	Passthrough	None
PartQuantity_QUANTITY	SRCWOAPARTS.QUANTITY	QUANTITY	Passthrough	None
EquipmentType_ASSET_CODE	SRCWOA.ASSET_CODE	ASSET_CODE	Passthrough	None
EquipmentSerialNumber_SERIAL_NO	SRCWOA.SERIAL_NO	SERIAL_NO	Passthrough	None
WorkorderDate_WO_DATE	SRCWOA.WO_DATE	WO_DATE	Passthrough	None
WorkorderType_WO_TYPE	SRCWO.WO_TYPE	WO_TYPE	Passthrough	None
AccountUnit_ACC_UNIT	SRCWO.ACC_UNIT	ACC_UNIT	Passthrough	None
UPDATED_DATETIME	CURRENT_TIMESTAMP()	None	Derived	`CURRENT_TIMESTAMP()`
UPDATED_BY	"a2r-data-product-dataform : RiteWorkorderPart.sqlx"	None	Derived	Constant
CREATED_DATETIME	CURRENT_TIMESTAMP()	None	Derived	`CURRENT_TIMESTAMP()`
CREATED_BY	"a2r-data-product-dataform : RiteWorkorderPart.sqlx"	None	Derived	Constant

SECTION 9: INCREMENTAL_LOGIC

Parameter	Logic / Expression
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

Final Output Column	Transformation Logic Path
PrimaryKey	`RITE_SRC.TBLWORKORDER.WO_ID` -> `concat` -> `PrimaryKey`

`RITE_SRC.TBLWORKORDERASSET.ASSET_SN_ID` -> `concat` -> `PrimaryKey`

`RITE_SRC.TBLWORKORDERASSETPARTS.PART_ID` -> `concat` -> `PrimaryKey` |

WorkorderNum_WO_ID	`RITE_SRC.TBLWORKORDER.WO_ID` -> `WorkorderNum_WO_ID`
EquipmentSNId_ASSET_SN_ID	`RITE_SRC.TBLWORKORDERASSET.ASSET_SN_ID` -> `EquipmentSNId_ASSET_SN_ID`
PartId_PART_ID	`RITE_SRC.TBLWORKORDERASSETPARTS.PART_ID` -> `PartId_PART_ID`
WorkorderStatus_STATUS	`RITE_SRC.TBLWORKORDERASSET.STATUS` -> `WorkorderStatus_STATUS`
PartNumber_PART_NO	`RITE_SRC.TBLWORKORDERASSETPARTS.PART_NO` -> `PartNumber_PART_NO`
UnitPrice_UNIT_PRICE	`RITE_SRC.TBLWORKORDERASSETPARTS.UNIT_PRICE` -> `UnitPrice_UNIT_PRICE`
PartQuantity_QUANTITY	`RITE_SRC.TBLWORKORDERASSETPARTS.QUANTITY` -> `PartQuantity_QUANTITY`
EquipmentType_ASSET_CODE	`RITE_SRC.TBLWORKORDERASSET.ASSET_CODE` -> `EquipmentType_ASSET_CODE`
EquipmentSerialNumber_SERIAL_NO	`RITE_SRC.TBLWORKORDERASSET.SERIAL_NO` -> `EquipmentSerialNumber_SERIAL_NO`
WorkorderDate_WO_DATE	`RITE_SRC.TBLWORKORDERASSET.WO_DATE` -> `WorkorderDate_WO_DATE`
WorkorderType_WO_TYPE	`RITE_SRC.TBLWORKORDER.WO_TYPE` -> `WorkorderType_WO_TYPE`
AccountUnit_ACC_UNIT	`RITE_SRC.TBLWORKORDER.ACC_UNIT` -> `AccountUnit_ACC_UNIT`
UPDATED_DATETIME	`CURRENT_TIMESTAMP()` -> `UPDATED_DATETIME`
UPDATED_BY	`Constant` -> `UPDATED_BY`
CREATED_DATETIME	`CURRENT_TIMESTAMP()` -> `CREATED_DATETIME`
CREATED_BY	`Constant` -> `CREATED_BY`