

# Mapping Document

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## ## SECTION 0: INPUT\_SUMMARY

Attribute	Value
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Model Name	RiteWorkorderPart_sql
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_sql
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 Applicable
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
---	---	---	---	---	---
NULL	NULL	NULL	NULL	NULL	NULL

## ## SECTION 5: CTE\_DEPENDENCIES

CTE Name	Parent Inputs	Joins inside CTE	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	`RITE_SRC.TBLWORKORDER` AS SRCWO	`RITE_SRC.TBLWORKORDERASSET` AS SRCWOA	SRCWO.WO_ID=SRCWOA.WO_ID	Not Present
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
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	Expression
---	---
WHERE	Not Present
HAVING	Not Present
QUALIFY	Not Present
CASE WHEN	Not Present
COALESCE / IFNULL	coalesce(SRCWO.WO_ID ,0)
COALESCE / IFNULL	coalesce(SRCWOA.ASSET_SN_ID,0)
COALESCE / IFNULL	coalesce(SRCWOAPARTS.PART_ID ,0)

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

## ## SECTION 8: OUTPUT\_COLUMNS\_DETAIL

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

## ## SECTION 9: INCREMENTAL\_LOGIC

Parameter	Value
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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	Transformation	Output Column
---	---	---
`RITE_SRC.TBLWORKORDER.WO_ID`	Passthrough	WorkorderNum_WO_ID
`RITE_SRC.TBLWORKORDERASSET.ASSET_SN_ID`	Passthrough	EquipmentSNId_ASSET_SN_ID
`RITE_SRC.TBLWORKORDERASSETPARTS.PART_ID`	Passthrough	PartId_PART_ID
`RITE_SRC.TBLWORKORDERASSET.STATUS`	Passthrough	WorkorderStatus_STATUS
`RITE_SRC.TBLWORKORDERASSETPARTS.PART_NO`	Passthrough	PartNumber_PART_NO
`RITE_SRC.TBLWORKORDERASSETPARTS.UNIT_PRICE`	Passthrough	UnitPrice_UNIT_PRICE
`RITE_SRC.TBLWORKORDERASSETPARTS.QUANTITY`	Passthrough	PartQuantity_QUANTITY
`RITE_SRC.TBLWORKORDERASSET.ASSET_CODE`	Passthrough	EquipmentType_ASSET_CODE
`RITE_SRC.TBLWORKORDERASSET.SERIAL_NO`	Passthrough	EquipmentSerialNumber_SERIAL_NO
`RITE_SRC.TBLWORKORDERASSET.WO_DATE`	Passthrough	WorkorderDate_WO_DATE
`RITE_SRC.TBLWORKORDER.WO_TYPE`	Passthrough	WorkorderType_WO_TYPE
`RITE_SRC.TBLWORKORDER.ACC_UNIT`	Passthrough	AccountUnit_ACC_UNIT
`RITE_SRC.TBLWORKORDER.WO_ID`, `RITE_SRC.TBLWORKORDERASSET.ASSET_SN_ID`, `RITE_SRC.TBLWORKORDERASSETPARTS.PART_ID`	`concat(coalesce(SRCWO.WO_ID,0),'&',coalesce(SRCWOA.ASSET_SN_ID,0),'&',coalesce(SRCWOAPARTS.PART_ID,0))`	PrimaryKey
`System.CURRENT_TIMESTAMP()`	`CURRENT_TIMESTAMP()`	UPDATED_DATETIME
`Constant Value`	`"a2r-data-product-dataform : RiteWorkorderPart.sqlx"`	UPDATED_BY
`System.CURRENT_TIMESTAMP()`	`CURRENT_TIMESTAMP()`	CREATED_DATETIME
`Constant Value`	`"a2r-data-product-dataform : RiteWorkorderPart.sqlx"`	CREATED_BY