

# Mapping Document

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## SECTION 0 - INPUT\_SUMMARY

Field	Value
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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 Applicable
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
incremental settings	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	Upstream -> Downstream 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

Clause Type	SQL 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)

Clause Type	SQL Expression
COALESCE / IFNULL	coalesce(SRCWOAPARTS.PART_ID ,0)
Boolean Logic (AND/OR)	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))	SRCWO.WO_ID, SRCWOA.ASSET_SN_ID, SRCWOAPARTS.PART_ID	derived	coalesce to 0
WorkorderNum_WO_ID	SRCWO.WO_ID	WO_ID	passthrough	NULL
EquipmentSNId_ASSET_SN_ID	SRCWOA.ASSET_SN_ID	ASSET_SN_ID	passthrough	NULL
PartId_PART_ID	SRCWOAPARTS.PART_ID	PART_ID	passthrough	NULL
WorkorderStatus_STATUS	SRCWOA.STATUS	STATUS	passthrough	NULL
PartNumber_PART_NO	SRCWOAPARTS.PART_NO	PART_NO	passthrough	NULL
UnitPrice_UNIT_PRICE	SRCWOAPARTS.UNIT_PRICE	UNIT_PRICE	passthrough	NULL
PartQuantity_QUANTITY	SRCWOAPARTS.QUANTITY	QUANTITY	passthrough	NULL
EquipmentType_ASSET_CODE	SRCWOA.ASSET_CODE	ASSET_CODE	passthrough	NULL
EquipmentSerialNumber_SERIAL_NO	SRCWOA.SERIAL_NO	SERIAL_NO	passthrough	NULL
WorkorderDate_WO_DATE	SRCWOA.WO_DATE	WO_DATE	passthrough	NULL
WorkorderType_WO_TYPE	SRCWO.WO_TYPE	WO_TYPE	passthrough	NULL
AccountUnit_ACC_UNIT	SRCWO.ACC_UNIT	ACC_UNIT	passthrough	NULL
UPDATED_DATETIME	CURRENT_TIMESTAMP()	N/A	derived	NULL
UPDATED_BY	"a2r-data-product-dataform : RiteWorkorderPart.sqlx"	N/A	derived	NULL
CREATED_DATETIME	CURRENT_TIMESTAMP()	N/A	derived	NULL
CREATED_BY	"a2r-data-product-dataform : RiteWorkorderPart.sqlx"	N/A	derived	NULL

## ## 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

Column Name	SQL Comment Description	Mapping File Description
CREATED_BY	NULL	Process

## ## SECTION 11 - END\_TO\_END\_LINEAGE\_SUMMARY

Source Table.Column	->	CTE.Column	->	Final Output Column
---	->	---	->	---
RITE_SRC.TBLWORKORDER.WO_ID	->	N/A	->	WorkorderNum_WO_ID
RITE_SRC.TBLWORKORDERASSET.ASSET_SN_ID	->	N/A	->	EquipmentSNId_ASSET_SN_ID
RITE_SRC.TBLWORKORDERASSETPARTS.PART_ID	->	N/A	->	PartId_PART_ID
RITE_SRC.TBLWORKORDERASSET.STATUS	->	N/A	->	WorkorderStatus_STATUS
RITE_SRC.TBLWORKORDERASSETPARTS.PART_NO	->	N/A	->	PartNumber_PART_NO
RITE_SRC.TBLWORKORDERASSETPARTS.UNIT_PRICE	->	N/A	->	UnitPrice_UNIT_PRICE
RITE_SRC.TBLWORKORDERASSETPARTS.QUANTITY	->	N/A	->	PartQuantity_QUANTITY
RITE_SRC.TBLWORKORDERASSET.CODE	->	N/A	->	EquipmentType_ASSET_CODE
RITE_SRC.TBLWORKORDERASSET.SERIAL_NO	->	N/A	->	EquipmentSerialNumber_SERIAL_NO
RITE_SRC.TBLWORKORDERASSET.WO_DATE	->	N/A	->	WorkorderDate_WO_DATE
RITE_SRC.TBLWORKORDER.WO_TYPE	->	N/A	->	WorkorderType_WO_TYPE
RITE_SRC.TBLWORKORDER.ACCT_UNIT	->	N/A	->	AccountUnit_ACC_UNIT

Source Table.Column	->	CTE.Column	->	Final Output Column
RITE_SRC.TBLWORKORDER.WO_ID, RITE_SRC.TBLWORKORDERASSET.ASSET_SN_ID, RITE_SRC.TBLWORKORDERASSETPARTS.PART_ID	->	N/A	->	PrimaryKey