

RiteWorkorderPart

Mapping Document

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 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
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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	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 Present	Not Present	Not Present	Not Present	Not Present	Not Present

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	SQL Expression
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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)

SECTION 8 - OUTPUT_COLUMNS_DETAIL

Output Column Name	SQL Expression	Source Columns Involved	Derivation Type
---	---	---	---
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
WorkorderNum_WO_ID	SRCWO.WO_ID	WO_ID	Passthrough
EquipmentSNId_ASSET_SN_ID	SRCWOA.ASSET_SN_ID	ASSET_SN_ID	Passthrough
PartId_PART_ID	SRCWOAPARTS.PART_ID	PART_ID	Passthrough
WorkorderStatus_STATUS	SRCWOA.STATUS	STATUS	Passthrough
PartNumber_PART_NO	SRCWOAPARTS.PART_NO	PART_NO	Passthrough
UnitPrice_UNIT_PRICE	SRCWOAPARTS.UNIT_PRICE	UNIT_PRICE	Passthrough
PartQuantity_QUANTITY	SRCWOAPARTS.QUANTITY	QUANTITY	Passthrough
EquipmentType_ASSET_CODE	SRCWOA.ASSET_CODE	ASSET_CODE	Passthrough
EquipmentSerialNumber_SERIAL_NO	SRCWOA.SERIAL_NO	SERIAL_NO	Passthrough
WorkorderDate_WO_DATE	SRCWOA.WO_DATE	WO_DATE	Passthrough
WorkorderType_WO_TYPE	SRCWO.WO_TYPE	WO_TYPE	Passthrough
AccountUnit_ACC_UNIT	SRCWO.ACC_UNIT	ACC_UNIT	Passthrough
UPDATED_DATETIME	CURRENT_TIMESTAMP()	N/A	Derived
UPDATED_BY	"a2r-data-product-dataform : RiteWorkorderPart.sqlx"	N/A	Derived
CREATED_DATETIME	CURRENT_TIMESTAMP()	N/A	Derived
CREATED_BY	"a2r-data-product-dataform : RiteWorkorderPart.sqlx"	N/A	Derived

SECTION 9 - INCREMENTAL_LOGIC

Field	Value
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Merge Keys	Not Applicable
Incremental Predicate	Not Applicable

Field	Value
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
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Source Table.Column	CTE.Column	Final Output Column
TBLWORKORDER.WO_ID	N/A	PrimaryKey
TBLWORKORDERASSET.ASSET_SN_ID	N/A	PrimaryKey
TBLWORKORDERASSETPARTS.PART_ID	N/A	PrimaryKey
TBLWORKORDER.WO_ID	N/A	WorkorderNum_WO_ID
TBLWORKORDERASSET.ASSET_SN_ID	N/A	EquipmentSNId_ASSET_SN_ID
TBLWORKORDERASSETPARTS.PART_ID	N/A	PartId_PART_ID
TBLWORKORDERASSET.STATUS	N/A	WorkorderStatus_STATUS
TBLWORKORDERASSETPARTS.PART_NO	N/A	PartNumber_PART_NO
TBLWORKORDERASSETPARTS.UNIT_PRICE	N/A	UnitPrice_UNIT_PRICE
TBLWORKORDERASSETPARTS.QUANTITY	N/A	PartQuantity_QUANTITY
TBLWORKORDERASSET.ASSET_CODE	N/A	EquipmentType_ASSET_CODE
TBLWORKORDERASSET.SERIAL_NO	N/A	EquipmentSerialNumber_SERIAL_NO
TBLWORKORDERASSET.WO_DATE	N/A	WorkorderDate_WO_DATE
TBLWORKORDER.WO_TYPE	N/A	WorkorderType_WO_TYPE
TBLWORKORDER.ACC_UNIT	N/A	AccountUnit_ACC_UNIT