Dataform Reverse Mapping & Lineage

Dataform Reverse Mapping & Lineage Documentation

Here is the detailed documentation for the Dataform SQLX model, generated from the provided SQL and data mapping files.

1. Model_Metadata

Attribute	Value
Model Name	Equipment
Target Schema	Equipment
Materialization	Full Load
Granularity	EQUIPMENT_NUM
Description	Equipment product having information of assets in A2R value stream from MAXIMO .Asset related information is present in detail level.

2. Source_References

Source Table	Alias	CTE/Final SELECT	Referenced Columns
`us102762-np-pm-da-25938.QA_MAXIMO.DOCLINKS`	a	LatestDocsPerAsset	ASSETNUM, ID, SRC, ROWSTAMP, OWNERID, OWNERTABLE, DOCTYPE
`us102762-np-pm-da-25938.A2R_STG.ASSET`	b	LatestDocsPerAsset	ASSETNUM, ASSETUID, ROWSTAMP
`us102762-np-pm-da-25938.A2R_STG.WORKORDER`	b	LatestDocsPerAsset	ASSETNUM, WORKORDERID, DOCLINKSID, OWNERID, ROWSTAMP

Source Table	Alias	CTE/Final SELECT	Referenced Columns
`us102762-np-pm-da-25938.A2R_STG.ASSET`	A	Final SELECT	ASSETNUM, SERIALNUM, ASSETID, SLB_ASSET_SN_ID, ASSETTYPE, ASSETUID, SLB_MFGDATE, ANCESTOR, SLB_COMPANYCODE, INSTALLDATE, SLB_ASSETPARTNUM, SLB_ASSETGROUP, EQ1, EQ7, EQ8, EQ10, SLB_GBV, SLB_NBV, STATUS, MANUFACTURER, LOCATION, SLB_OWNER_LOCATION, SLB_LOCATEDSITE, SLB_ASSETMOVEMENTSTATUS, PARENT, SLB_UNIT_FA, SLB_SPL_HASSAMPLE, SLB_PMDUE, SLB_FCODUE, SLB_MOD_STATUS, SLB_TECHST_COL, SLB_CURR_PHYLOC, SLB_INSERVICEDATE, SLB_TECHSTATUS, DESCRIPTION, STATUSDATE, CHANGEDATE, SLB_LOGISTICSTATUS, PLUSTMODEL, PLUSTYEAR, SLB_EDFSTATUS, SLB_OANUM, SLB_PRODUCTIONNUMBER, TOTALCOST, TOTDOWNTIME, YTDCOST, EQ23, SLB_MODSTATUS_COLOR, SLB_LEGACYASSETNUM, SLB_NEWASSETNUM, ROWSTAMP
`us102762-np-pm-da-25938.A2R_STG.ASSET`	K	-	ASSETNUM, ROWSTAMP
`us102762-np-pm-da-25938.QA_MAXIMO.ASSETANCESTOR`	AA	Final SELECT	ANCESTOR, SITEID, ASSETNUM, HIERARCHYLEVELS
`us102762-np-pm-da-25938.QA_MAXIMO.SLB_ASSETEXT`	B	Final SELECT	ASSETUID, SLB_CURRLOCATIONTYPE, SLB_DFP, SLB_ASSETUID, SLB_HRSSINCELASTSL, SLB_HRSPUMP, SLB_EDT, SLB_CREATEBY, SLB_STAMPEDSN, SLB_DOWNFORREPAIR, SLB_RIGNAME, SLB_STAMPEDFC, SLB_TEMPMAX, SLB_SHOCKMAXLEVEL, SLB_SHOCKMAXDUR, SLB_SHOPUSEONLY, SLB_ASSIGNEDCLIENT, SLB_DAM_BEYOND_REP, SLB_TSDFP, SLB_LEGALENTITY
`us102762-np-pm-da-25938.QA_MAXIMO.SLBTYPE`	C	Final SELECT	ASSETTYPE, TYPECATEGORY, SLB_SUBFAMILY, Activity

Source Table	Alias	CTE/Final SELECT	Referenced Columns
`us102762-np-pm-da-25938.QA_MAXIMO.SLB_OPERATIONS`	D	Final SELECT	SLB_OPERATIONNUMBER, SLB_COMPANY_NAME, SLB_RIG_NAME, SLB_FIELDNAME, SLB_OPERATION_STATUS, SLB_RIG_TYPE, SLB_WELL_NAME, ROWSTAMP
`us102762-np-pm-da-25938.QA_MAXIMO.DOCLINKS`	ADOC	DOC	DOCLINKSID, OWNERID, SLB_DMATTACH_MAT, SLB_DMATTACH_MTYPE, SLB_DMATTACH_VENDOR, SLB_DMATTACH_YLD, CHANGEDATE, DOCUMENT, DOCVERSION, GETLATESTVERSION, OWNERTABLE, REFERENCE, DOCTYPE
`us102762-np-pm-da-25938.QA_MAXIMO.DOCLINKS`	BDOC	DOC	ROWSTAMP, OWNERID, DOCTYPE
`us102762-np-pm-da-25938.A2R_STG.WORKORDER`	PP	Final SELECT	WONUM, WORKORDERID, ASSETNUM
`us102762-np-pm-da-25938.A2R_STG.ASSET`	A	SJR	ASSETNUM, STATUS
`us102762-np-pm-da-25938.QA_MAXIMO.SLB_MULTIASSET`	B	SJR	ASSETNUM, TICKETID
`us102762-np-pm-da-25938.QA_MAXIMO.TICKET`	C	SJR	TICKETID, SLB_JUNK_REASON, STATUSDATE

3. CTE_Dependencies

CTE Name	Parent Inputs	Joins	Filters/Conditions	Output Columns	Consumers
LatestDocsPerAsset	`us102762-np-pm-da-25938.QA_MAXIMO.DOCLINKS`, `us102762-np-pm-da-25938.A2R_STG.ASSET`, `us102762-np-pm-da-25938.A2R_STG.WORKORDER`	INNER JOIN	`a.OWNERTABLE = 'ASSET' AND a.DOCTYPE = 'Material Cert'`, `a.OWNERTABLE='WORKORDER' AND a.DOCTYPE = 'Material Cert'`, `rnk=1`	ASSETNUM, ID, SRC	DOC
A	`us102762-np-pm-da-25938.A2R_STG.ASSET`	-	-	All columns from ASSET table with aliases	Final SELECT
K	`us102762-np-pm-da-25938.A2R_STG.ASSET`	-	-	ASSETNUM, MAX(ROWSTAMP)	Final SELECT

CTE Name	Parent Inputs	Joins	Filters/Conditions	Output Columns	Consumers
AA	`us102762-np-pm-da-25938.QA_MAXIMO.ASSETANCESTOR`	-	`rnk=1`	ANCESTOR, SITEID, ASSETNUM, HIERARCHYLEVELS	Final SELECT
B	`us102762-np-pm-da-25938.QA_MAXIMO.SLB_ASSETEXT`	-	-	All columns from SLB_ASSETEXT table	Final SELECT
C	`us102762-np-pm-da-25938.QA_MAXIMO.SLBTYPE`	-	-	ASSETTYPE, TYPECATEGORY, SLB_SUBFAMILY, Activity	Final SELECT
D (RANKED_OPS)	`us102762-np-pm-da-25938.QA_MAXIMO.SLB_OPERATIONS`	-	`RNK = 1`	SLB_OPERATIONNUMBER, COMPANY_NAME, RIG_NAME, FIELDNAME, OPERATION_STATUS, RIG_TYPE, WELL_NAME, ROWSTAMP	Final SELECT
DOC	`us102762-np-pm-da-25938.QA_MAXIMO.DOCLINKS`, `LatestDocsPerAsset`	INNER JOIN	`DOCTYPE = 'Material Cert'`	DOCLINKSID, OWNERID, MATERIAL, MATERIAL_TYPE, VENDOR, YIELDSTRENGTH, MATERIALCERTDATE, DOCUMENT, DOC_VERSION, GETLATEST_VERSION, OWNER_TABLE, REFERENCE, DOCTYPE, ASSETNUM	Final SELECT
PP	`us102762-np-pm-da-25938.QA_MAXIMO.DOCLINKS`, `us102762-np-pm-da-25938.A2R_STG.WORKORDER`	INNER JOIN	`OWNERTABLE = 'WORKORDER' and DOCTYPE = 'Material Cert'`	OWNERID, DOCLINKSID, ASSETNUM, WONUM	Final SELECT
SJR	`us102762-np-pm-da-25938.A2R_STG.ASSET`, `us102762-np-pm-da-25938.QA_MAXIMO.SLB_MULTIASSET`, `us102762-np-pm-da-25938.QA_MAXIMO.TICKET`	INNER JOIN	`STATUS IN ('PREJUNK', 'DECOMMISSIONED')`, `SLB_JUNK_REASON IS NOT NULL`, `RANK_VALUE = 1`	ASSETNUM, SLB_JUNK_REASON	Final SELECT

4. JOIN_Details

Join Type	Left Relation	Right Relation	Join Conditions
:---	:---	:---	:---

Join Type	Left Relation	Right Relation	Join Conditions
INNER JOIN	A	K	A.EQUIPMENT_NUM=K.ASSETNUM AND A.ROWSTAMP=K.ROWSTAMP
LEFT JOIN	(A INNER JOIN K)	AA	A.EQUIPMENT_NUM=AA.ASSETNUM
LEFT JOIN	((A INNER JOIN K) LEFT JOIN AA)	B	a.ASSETUID = B.ASSETUID
LEFT JOIN	(((A INNER JOIN K) LEFT JOIN AA) LEFT JOIN B)	C	A.ASSETTYPE = C.ASSETTYPE
LEFT JOIN	((((A INNER JOIN K) LEFT JOIN AA) LEFT JOIN B) LEFT JOIN C)	D	LTRIM(RTRIM(A.CURRENT_PHYSICAL_LOCATION)) = LTRIM(RTRIM(D.SLB_OPERATIONNUMBER))
LEFT JOIN	(((((A INNER JOIN K) LEFT JOIN AA) LEFT JOIN B) LEFT JOIN C) LEFT JOIN D)	DOC	LTRIM(RTRIM(A.EQUIPMENT_NUM)) = LTRIM(RTRIM(DOC.ASSETNUM))
LEFT JOIN	((((((A INNER JOIN K) LEFT JOIN AA) LEFT JOIN B) LEFT JOIN C) LEFT JOIN D) LEFT JOIN DOC)	PP	LTRIM(RTRIM(A.ASSETUID)) = LTRIM(RTRIM(PP.OWNERID))
LEFT JOIN	(((((((A INNER JOIN K) LEFT JOIN AA) LEFT JOIN B) LEFT JOIN C) LEFT JOIN D) LEFT JOIN DOC) LEFT JOIN PP)	SJR	SJR.ASSETNUM=A.EQUIPMENT_NUM

5. Filters_and_Conditions

Filter Type	Condition
:---	:---
WHERE	`a.OWNERTABLE = 'ASSET' AND a.DOCTYPE = 'Material Cert'` in `LatestDocsPerAsset`
WHERE	`a.OWNERTABLE='WORKORDER' AND a.DOCTYPE = 'Material Cert'` in `LatestDocsPerAsset`
WHERE	`rnk=1` in `LatestDocsPerAsset`
WHERE	`rnk=1` in `AA`
WHERE	`RNK = 1` in `D (RANKED_OPS)`
WHERE	`DOCTYPE = 'Material Cert'` in `DOC`
WHERE	`OWNERTABLE = 'WORKORDER' and DOCTYPE = 'Material Cert'` in `PP`
WHERE	`STATUS IN ('PREJUNK', 'DECOMMISSIONED')` in `SJR`
WHERE	`SLB_JUNK_REASON IS NOT NULL` in `SJR`
WHERE	`RANK_VALUE = 1` in `SJR`

6. Output_Columns_Detail

Output Column Name	SQL Expression	Source Columns	Derivation Type
EQUIPMENT_NUM	a.EQUIPMENT_NUM	A.EQUIPMENT_NUM	passthrough
SERIAL_NUM	a.SERIAL_NUM	A.SERIAL_NUM	passthrough
EQUIPMENT_ID	a.EQUIPMENT_ID	A.EQUIPMENT_ID	passthrough
TOPLEVELEQUIPMENT	AA.ANCESTOR	AA.ANCESTOR	passthrough
SITEID	AA.SITEID	AA.SITEID	passthrough
EQUIPMENT_SN_ID	a.EQUIPMENT_SN_ID	A.EQUIPMENT_SN_ID	passthrough
Activity	c.Activity	C.Activity	passthrough
SUB_FAMILY	c.SUB_FAMILY	C.SUB_FAMILY	passthrough
TYPECATEGORY	c.TYPECATEGORY	C.TYPECATEGORY	passthrough
GBV	a.GBV	A.GBV	passthrough
NBV	a.NBV	A.NBV	passthrough
STATUS	a.STATUS	A.STATUS	passthrough
UNIT_FA	a.UNIT_FA	A.UNIT_FA	passthrough
PM_STATUS	a.PM_STATUS	A.PM_STATUS	passthrough
EQ7	a.EQ7	A.EQ7	passthrough
MAINTENANCE_STATUS	a.MAINTENANCE_STATUS	A.MAINTENANCE_STATUS	passthrough
REASON_OF_PM_STATUS	a.REASON_OF_PM_STATUS	A.REASON_OF_PM_STATUS	passthrough
MFGDATE	a.MFGDATE	A.MFGDATE	passthrough
COMMISSION_DATE	a.COMMISSION_DATE	A.COMMISSION_DATE	passthrough
MANUFACTURER	a.MANUFACTURER	A.MANUFACTURER	passthrough
PART_NUMBER	a.PART_NUMBER	A.PART_NUMBER	passthrough
EQUIPMENT_LOCATION	a.EQUIPMENT_LOCATION	A.EQUIPMENT_LOCATION	passthrough
EQUIPMENT_OWNER_LOCATION	a.EQUIPMENT_OWNER_LOCATION	A.EQUIPMENT_OWNER_LOCATION	passthrough
EQUIPMENT_TYPE	a.ASSETTYPE	A.ASSETTYPE	passthrough
EQUIPMENT_UID	a.ASSETUID	A.ASSETUID	passthrough

Output Column Name	SQL Expression	Source Columns	Derivation Type
LOCATED_SITE	a.SLB_LOCTDSITE	A.SLB_LOCTDSITE	passthrough
ASSET_GROUP	a.ASSET_GROUP	A.ASSET_GROUP	passthrough
EQUIPMENT_MOVEMENT_STATUS	a.EQUIPMENT_MOVEMENT_STATUS	A.EQUIPMENT_MOVEMENT_STATUS	passthrough
MODIFICATION_STATUS	a.MODIFICATION_STATUS	A.MODIFICATION_STATUS	passthrough
PM_DUE	a.PM_DUE	A.PM_DUE	passthrough
FCO_DUE	a.FCO_DUE	A.FCO_DUE	passthrough
TECH_ST_COL	a.TECH_ST_COL	A.TECH_ST_COL	passthrough
TECHNICAL_STATUS	a.TECHNICAL_STATUS	A.TECHNICAL_STATUS	passthrough
EQUIPMENT_DESCRIPTION	a.EQUIPMENT_DESCRIPTION	A.EQUIPMENT_DESCRIPTION	passthrough
EQUIPMENT_STATUS_DATE	a.EQUIPMENT_STATUS_DATE	A.EQUIPMENT_STATUS_DATE	passthrough
EQUIPMENT_CHANGE_DATE	a.EQUIPMENT_CHANGE_DATE	A.EQUIPMENT_CHANGE_DATE	passthrough
PHYSICAL_LOCATION	a.PHYSICAL_LOCATION	A.PHYSICAL_LOCATION	passthrough
INSERVICE_DATE	a.INSERVICE_DATE	A.INSERVICE_DATE	passthrough
PARENT	a.PARENT	A.PARENT	passthrough
HAS_SAMPLE	a.HAS_SAMPLE	A.HAS_SAMPLE	passthrough
LOGISTIC_STATUS	a.LOGISTIC_STATUS	A.LOGISTIC_STATUS	passthrough
PLUST_MODEL	a.PLUST_MODEL	A.PLUST_MODEL	passthrough
PLUST_YEAR	a.PLUST_YEAR	A.PLUST_YEAR	passthrough
EDF_STATUS	a.EDF_STATUS	A.EDF_STATUS	passthrough
OANUMBER	a.OANUMBER	A.OANUMBER	passthrough
PRODUCTION_NUMBER	a.PRODUCTION_NUMBER	A.PRODUCTION_NUMBER	passthrough
TOTAL_COST	a.TOTAL_COST	A.TOTAL_COST	passthrough
TOT_DOWN_TIME	a.TOT_DOWN_TIME	A.TOT_DOWN_TIME	passthrough
YTD_COST	a.YTD_COST	A.YTD_COST	passthrough
LEGACY_ASSETNUM	a.LEGACY_ASSETNUM	A.LEGACY_ASSETNUM	passthrough
NEW_ASSETNUM	a.NEW_ASSETNUM	A.NEW_ASSETNUM	passthrough
BUILD_DATE	a.BUILD_DATE	A.BUILD_DATE	passthrough
MODSTATUS_COLOR	a.MODSTATUS_COLOR	A.MODSTATUS_COLOR	passthrough

Output Column Name	SQL Expression	Source Columns	Derivation Type
CompanyCode	a.CompanyCode	A.CompanyCode	passthrough
LegalEntity	b.LegalEntity	B.LegalEntity	passthrough
CURRENT_LOCATION_TYPE	b.CURRENT_LOCATION_TYPE	B.CURRENT_LOCATION_TYPE	passthrough
DFP	b.DFP	B.DFP	passthrough
HRS_SINCE_LAST_SL	b.HRS_SINCE_LAST_SL	B.HRS_SINCE_LAST_SL	passthrough
HOURS_PUMP	b.HOURS_PUMP	B.HOURS_PUMP	passthrough
HOURS_EDT	b.HOURS_EDT	B.HOURS_EDT	passthrough
CREATEDBY	b.CREATEDBY	B.CREATEDBY	passthrough
STAMPED_SN	b.STAMPED_SN	B.STAMPED_SN	passthrough
DOWN_FOR_REPAIR	b.DOWN_FOR_REPAIR	B.DOWN_FOR_REPAIR	passthrough
RIG_NAME	d.RIG_NAME	D.RIG_NAME	passthrough
STAMPED_FC	b.STAMPED_FC	B.STAMPED_FC	passthrough
MAX_TEMP	b.MAX_TEMP	B.MAX_TEMP	passthrough
MAX_SHOCK_LEVEL	b.MAX_SHOCK_LEVEL	B.MAX_SHOCK_LEVEL	passthrough
MAX_DUR_SHOCK	b.MAX_DUR_SHOCK	B.MAX_DUR_SHOCK	passthrough
SHOP_USE_ONLY	b.SHOP_USE_ONLY	B.SHOP_USE_ONLY	passthrough
ASSIGNED_CLIENT	b.ASSIGNED_CLIENT	B.ASSIGNED_CLIENT	passthrough
DAMAGED_BEYOND_REPAIR	b.DAMAGED_BEYOND_REPAIR	B.DAMAGED_BEYOND_REPAIR	passthrough
TOOLSET_DFP	b.TOOLSET_DFP	B.TOOLSET_DFP	passthrough
COMPANY_NAME	D.COMPANY_NAME	D.COMPANY_NAME	passthrough
DOCLINKSID	DOC.DOCLINKSID	DOC.DOCLINKSID	passthrough
MATERIAL	DOC.MATERIAL	DOC.MATERIAL	passthrough
MATERIAL_TYPE	DOC.MATERIAL_TYPE	DOC.MATERIAL_TYPE	passthrough
VENDOR	DOC.VENDOR	DOC.VENDOR	passthrough
YIELDSTRENGTH	DOC.YIELDSTRENGTH	DOC.YIELDSTRENGTH	passthrough
MATERIALCERTDATE	DOC.MATERIALCERTDATE	DOC.MATERIALCERTDATE	passthrough
DOCUMENT	DOC.DOCUMENT	DOC.DOCUMENT	passthrough
DOC_VERSION	DOC.DOC_VERSION	DOC.DOC_VERSION	passthrough

Output Column Name	SQL Expression	Source Columns	Derivation Type
GETLATEST_VERSION	DOC.GETLATEST_VERSION	DOC.GETLATEST_VERSION	passthrough
OWNER_ID	DOC.OWNERID	DOC.OWNERID	passthrough
OWNER_TABLE	DOC.OWNER_TABLE	DOC.OWNER_TABLE	passthrough
REFERENCE	DOC.REFERENCE	DOC.REFERENCE	passthrough
SLB_JUNK_REASON	SJR.SLB_JUNK_REASON	SJR.SLB_JUNK_REASON	passthrough
FIELDNAME	D.FIELDNAME	D.FIELDNAME	passthrough
OPERATION_STATUS	D.OPERATION_STATUS	D.OPERATION_STATUS	passthrough
RIG_TYPE	D.RIG_TYPE	D.RIG_TYPE	passthrough
WELL_NAME	D.WELL_NAME	D.WELL_NAME	passthrough
SOURCE	"EAR-AA-2392"	-	hardcoded
UPDATED_DATETIME	CURRENT_TIMESTAMP()	-	derived expression
PROCESSING_DATE	CURRENT_TIMESTAMP()	-	derived expression
UPDATED_BY	"a2r-data-product-dataform : Equipment.sqlx"	-	hardcoded
CREATED_DATETIME	CURRENT_TIMESTAMP()	-	derived expression
CREATED_BY	"a2r-data-product-dataform : Equipment.sqlx"	-	hardcoded

7. Incremental_Logic

Setting	Value
:---	:---
Strategy	Full Load
Details	The model is configured for full load refreshes. There is no incremental logic implemented.

8. Additional_Operations

Operation	Details
:---	:---
GROUP BY	`b.ASSETNUM,b.ASSETUID` in `LatestDocsPerAsset`
GROUP BY	`ASSETNUM` in `K`
GROUP BY	`OWNERID,DOCTYPE` in `DOC`

Operation	Details
QUALIFY	`row_number() over(partition by ASSETNUM order by SRC) as rnk` in `LatestDocsPerAsset`
QUALIFY	`row_number() over(partition by OWNERID order by a.ROWSTAMP desc) as rnk` in `LatestDocsPerAsset`
QUALIFY `	`row_number() over(partition by ASSETNUM order by HIERARCHYLEVELS desc) as rnk` in `AA`
QUALIFY	`RANK() OVER ( PARTITION BY SLB_OPERATIONNUMBER ORDER BY ROWSTAMP DESC) AS RNK` in `D (RANKED_OPS)`
QUALIFY	`RANK() OVER (PARTITION BY UPPER(TRIM(A.ASSETNUM)) ORDER BY C.STATUSDATE DESC,C.TICKETID DESC) AS rank_value` in `SJR`

9. Column_Descriptions

Column Name	Description

EQUIPMENT_NUM	
SERIAL_NUM	
EQUIPMENT_ID	
TOPLEVELEQUIPMENT	
SITEID	
EQUIPMENT_SN_ID	
Activity	
SUB_FAMILY	
TYPECATEGORY	
GBV	
NBV	
STATUS	
UNIT_FA	
PM_STATUS	
EQ7	
MAINTENANCE_STATUS	

REASON_OF_PM_STATUS	
MFGDATE	
COMMISSION_DATE	
MANUFACTURER	
PART_NUMBER	
EQUIPMENT_LOCATION	
EQUIPMENT_OWNER_LOCATION	
EQUIPMENT_TYPE	
EQUIPMENT_UID	
LOCATED_SITE	
ASSET_GROUP	
EQUIPMENT_MOVEMENT_STATUS	
MODIFICATION_STATUS	
PM_DUE	
FCO_DUE	
TECH_ST_COL	
TECHNICAL_STATUS	
EQUIPMENT_DESCRIPTION	
EQUIPMENT_STATUS_DATE	
EQUIPMENT_CHANGE_DATE	
PHYSICAL_LOCATION	
INSERVICE_DATE	
PARENT	
HAS_SAMPLE	
LOGISTIC_STATUS	
PLUST_MODEL	
PLUST_YEAR	

EDF_STATUS	
OANUMBER	
PRODUCTION_NUMBER	
TOTAL_COST	
TOT_DOWN_TIME	
YTD_COST	
LEGACY_ASSETNUM	
NEW_ASSETNUM	
BUILD_DATE	
MODSTATUS_COLOR	
CompanyCode	
LegalEntity	
CURRENT_LOCATION_TYPE	
DFP	
HRS_SINCE_LAST_SL	
HOURS_PUMP	
HOURS_EDT	
CREATEDBY	
STAMPED_SN	
DOWN_FOR_REPAIR	
RIG_NAME	
STAMPED_FC	
MAX_TEMP	
MAX_SHOCK_LEVEL	
MAX_DUR_SHOCK	
SHOP_USE_ONLY	
ASSIGNED_CLIENT	

DAMAGED_BEYOND_REPAIR	
TOOLSET_DFP	
COMPANY_NAME	
DOCLINKSID	
MATERIAL	
MATERIAL_TYPE	
VENDOR	
YIELDSTRENGTH	
MATERIALCERTDATE	
DOCUMENT	
DOC_VERSION	
GETLATEST_VERSION	
OWNER_ID	
OWNER_TABLE	
REFERENCE	
SLB_JUNK_REASON	
FIELDNAME	
OPERATION_STATUS	
RIG_TYPE	
WELL_NAME	
SOURCE	
UPDATED_DATETIME	
PROCESSING_DATE	
UPDATED_BY	
CREATED_DATETIME	
CREATED_BY	

10. End-to-End_Lineage_Summary

Source Table	Source Column	CTEs	Final Output Column
`us102762-np-pm-da-25938.A2R_STG.ASSET`	ASSETNUM	A	EQUIPMENT_NUM
`us102762-np-pm-da-25938.A2R_STG.ASSET`	SERIALNUM	A	SERIAL_NUM
`us102762-np-pm-da-25938.A2R_STG.ASSET`	ASSETID	A	EQUIPMENT_ID
`us102762-np-pm-da-25938.QA_MAXIMO.ASSETANCESTOR`	ANCESTOR	AA	TOPLEVELEQUIPMENT
`us102762-np-pm-da-25938.QA_MAXIMO.ASSETANCESTOR`	SITEID	AA	SITEID
`us102762-np-pm-da-25938.A2R_STG.ASSET`	SLB_ASSET_SN_ID	A	EQUIPMENT_SN_ID
`us102762-np-pm-da-25938.QA_MAXIMO.SLBTYPE`	Activity	C	Activity
`us102762-np-pm-da-25938.QA_MAXIMO.SLBTYPE`	SLB_SUBFAMILY	C	SUB_FAMILY
`us102762-np-pm-da-25938.QA_MAXIMO.SLBTYPE`	TYPECATEGORY	C	TYPECATEGORY
`us102762-np-pm-da-25938.A2R_STG.ASSET`	SLB_GBV	A	GBV
`us102762-np-pm-da-25938.A2R_STG.ASSET`	SLB_NBV	A	NBV
`us102762-np-pm-da-25938.A2R_STG.ASSET`	STATUS	A	STATUS
`us102762-np-pm-da-25938.A2R_STG.ASSET`	SLB_UNIT_FA	A	UNIT_FA
`us102762-np-pm-da-25938.A2R_STG.ASSET`	EQ1	A	PM_STATUS
`us102762-np-pm-da-25938.A2R_STG.ASSET`	EQ7	A	EQ7
`us102762-np-pm-da-25938.A2R_STG.ASSET`	EQ8	A	MAINTENANCE_STATUS
`us102762-np-pm-da-25938.A2R_STG.ASSET`	EQ10	A	REASON_OF_PM_STATUS
`us102762-np-pm-da-25938.A2R_STG.ASSET`	SLB_MFGDATE	A	MFGDATE
`us102762-np-pm-da-25938.A2R_STG.ASSET`	INSTALLDATE	A	COMMISSION_DATE
`us102762-np-pm-da-25938.A2R_STG.ASSET`	MANUFACTURER	A	MANUFACTURER
`us102762-np-pm-da-25938.A2R_STG.ASSET`	SLB_ASSETPARTNUM	A	PART_NUMBER
`us102762-np-pm-da-25938.A2R_STG.ASSET`	LOCATION	A	EQUIPMENT_LOCATION
`us102762-np-pm-da-25938.A2R_STG.ASSET`	SLB_OWNER_LOCATION	A	EQUIPMENT_OWNER_LOCATION

Source Table	Source Column	CTEs	Final Output Column
`us102762-np-pm-da-25938.A2R_STG.ASSET`	ASSETTYPE	A	EQUIPMENT_TYPE
`us102762-np-pm-da-25938.A2R_STG.ASSET`	ASSETUID	A	EQUIPMENT_UID
`us102762-np-pm-da-25938.A2R_STG.ASSET`	SLB_LOCATEDSITE	A	LOCATED_SITE
`us102762-np-pm-da-25938.A2R_STG.ASSET`	SLB_ASSETGROUP	A	ASSET_GROUP
`us102762-np-pm-da-25938.A2R_STG.ASSET`	SLB_ASSETMOVEMENTSTATUS	A	EQUIPMENT_MOVEMENT_STATUS
`us102762-np-pm-da-25938.A2R_STG.ASSET`	SLB_MOD_STATUS	A	MODIFICATION_STATUS
`us102762-np-pm-da-25938.A2R_STG.ASSET`	SLB_PMDUE	A	PM_DUE
`us102762-np-pm-da-25938.A2R_STG.ASSET`	SLB_FCODUE	A	FCO_DUE
`us102762-np-pm-da-25938.A2R_STG.ASSET`	SLB_TECHST_COL	A	TECH_ST_COL
`us102762-np-pm-da-25938.A2R_STG.ASSET`	SLB_TECHSTATUS	A	TECHNICAL_STATUS
`us102762-np-pm-da-25938.A2R_STG.ASSET`	DESCRIPTION	A	EQUIPMENT_DESCRIPTION
`us102762-np-pm-da-25938.A2R_STG.ASSET`	STATUSDATE	A	EQUIPMENT_STATUS_DATE
`us102762-np-pm-da-25938.A2R_STG.ASSET`	CHANGEDATE	A	EQUIPMENT_CHANGE_DATE
`us102762-np-pm-da-25938.A2R_STG.ASSET`	SLB_CURR_PHYLOC	A	PHYSICAL_LOCATION
`us102762-np-pm-da-25938.A2R_STG.ASSET`	SLB_INSERVICEDATE	A	INSERVICE_DATE
`us102762-np-pm-da-25938.A2R_STG.ASSET`	PARENT	A	PARENT
`us102762-np-pm-da-25938.A2R_STG.ASSET`	SLB_SPL_HASSAMPLE	A	HAS_SAMPLE
`us102762-np-pm-da-25938.A2R_STG.ASSET`	SLB_LOGISTICSTATUS	A	LOGISTIC_STATUS
`us102762-np-pm-da-25938.A2R_STG.ASSET`	PLUSTMODEL	A	PLUST_MODEL
`us102762-np-pm-da-25938.A2R_STG.ASSET`	PLUSTYEAR	A	PLUST_YEAR
`us102762-np-pm-da-25938.A2R_STG.ASSET`	SLB_EDFSTATUS	A	EDF_STATUS
`us102762-np-pm-da-25938.A2R_STG.ASSET`	SLB_OANUM	A	OANUMBER
`us102762-np-pm-da-25938.A2R_STG.ASSET`	SLB_PRODUCTIONNUMBER	A	PRODUCTION_NUMBER
`us102762-np-pm-da-25938.A2R_STG.ASSET`	TOTALCOST	A	TOTAL_COST
`us102762-np-pm-da-25938.A2R_STG.ASSET`	TOTDOWNTIME	A	TOT_DOWN_TIME
`us102762-np-pm-da-25938.A2R_STG.ASSET`	YTDCOST	A	YTD_COST
`us102762-np-pm-da-25938.A2R_STG.ASSET`	SLB_LEGACYASSETNUM	A	LEGACY_ASSETNUM
`us102762-np-pm-da-25938.A2R_STG.ASSET`	SLB_NEWASSETNUM	A	NEW_ASSETNUM

Source Table	Source Column	CTEs	Final Output Column
`us102762-np-pm-da-25938.A2R_STG.ASSET`	EQ23	A	BUILD_DATE
`us102762-np-pm-da-25938.A2R_STG.ASSET`	SLB_MODSTATUS_COLOR	A	MODSTATUS_COLOR
`us102762-np-pm-da-25938.A2R_STG.ASSET`	SLB_COMPANYCODE	A	CompanyCode
`us102762-np-pm-da-25938.QA_MAXIMO.SLB_ASSETEXT`	SLB_LEGALENTITY	B	LegalEntity
`us102762-np-pm-da-25938.QA_MAXIMO.SLB_ASSETEXT`	SLB_CURRLOCATIONTYPE	B	CURRENT_LOCATION_TYPE
`us102762-np-pm-da-25938.QA_MAXIMO.SLB_ASSETEXT`	SLB_DFP	B	DFP
`us102762-np-pm-da-25938.QA_MAXIMO.SLB_ASSETEXT`	SLB_HRSSINCELASTSL	B	HRS_SINCE_LAST_SL
`us102762-np-pm-da-25938.QA_MAXIMO.SLB_ASSETEXT`	SLB_HRSPUMP	B	HOURS_PUMP
`us102762-np-pm-da-25938.QA_MAXIMO.SLB_ASSETEXT`	SLB_EDT	B	HOURS_EDT
`us102762-np-pm-da-25938.QA_MAXIMO.SLB_ASSETEXT`	SLB_CREATEBY	B	CREATEDBY
`us102762-np-pm-da-25938.QA_MAXIMO.SLB_ASSETEXT`	SLB_STAMPEDSN	B	STAMPED_SN
`us102762-np-pm-da-25938.QA_MAXIMO.SLB_ASSETEXT`	SLB_DOWNFORREPAIR	B	DOWN_FOR_REPAIR
`us102762-np-pm-da-25938.QA_MAXIMO.SLB_OPERATIONS`	SLB_RIG_NAME	D	RIG_NAME
`us102762-np-pm-da-25938.QA_MAXIMO.SLB_ASSETEXT`	SLB_STAMPEDFC	B	STAMPED_FC
`us102762-np-pm-da-25938.QA_MAXIMO.SLB_ASSETEXT`	SLB_TEMPMAX	B	MAX_TEMP
`us102762-np-pm-da-25938.QA_MAXIMO.SLB_ASSETEXT`	SLB_SHOCKMAXLEVEL	B	MAX_SHOCK_LEVEL
`us102762-np-pm-da-25938.QA_MAXIMO.SLB_ASSETEXT`	SLB_SHOCKMAXDUR	B	MAX_DUR_SHOCK
`us102762-np-pm-da-25938.QA_MAXIMO.SLB_ASSETEXT`	SLB_SHOPUSEONLY	B	SHOP_USE_ONLY

Source Table	Source Column	CTEs	Final Output Column
`us102762-np-pm-da-25938.QA_MAXIMO.SLB_ASSETEXT`	SLB_ASSIGNEDCLIENT	B	ASSIGNED_CLIENT
`us102762-np-pm-da-25938.QA_MAXIMO.SLB_ASSETEXT`	SLB_DAM_BEYOND_REP	B	DAMAGED_BEYOND_REPAIR
`us102762-np-pm-da-25938.QA_MAXIMO.SLB_ASSETEXT`	SLB_TSDFP	B	TOOLSET_DFP
`us102762-np-pm-da-25938.QA_MAXIMO.SLB_OPERATIONS`	SLB_COMPANY_NAME	D	COMPANY_NAME
`us102762-np-pm-da-25938.QA_MAXIMO.DOCLINKS`	DOCLINKSID	DOC	DOCLINKSID
`us102762-np-pm-da-25938.QA_MAXIMO.DOCLINKS`	SLB_DMATTACH_MAT	DOC	MATERIAL
`us102762-np-pm-da-25938.QA_MAXIMO.DOCLINKS`	SLB_DMATTACH_MTYPE	DOC	MATERIAL_TYPE
`us102762-np-pm-da-25938.QA_MAXIMO.DOCLINKS`	SLB_DMATTACH_VENDOR	DOC	VENDOR
`us102762-np-pm-da-25938.QA_MAXIMO.DOCLINKS`	SLB_DMATTACH_YLD	DOC	YIELDSTRENGTH
`us102762-np-pm-da-25938.QA_MAXIMO.DOCLINKS`	CHANGEDATE	DOC	MATERIALCERTDATE
`us102762-np-pm-da-25938.QA_MAXIMO.DOCLINKS`	DOCUMENT	DOC	DOCUMENT
`us102762-np-pm-da-25938.QA_MAXIMO.DOCLINKS`	DOCVERSION	DOC	DOC_VERSION
`us102762-np-pm-da-25938.QA_MAXIMO.DOCLINKS`	GETLATESTVERSION	DOC	GETLATEST_VERSION
`us102762-np-pm-da-25938.QA_MAXIMO.DOCLINKS`	OWNERID	DOC	OWNER_ID
`us102762-np-pm-da-25938.QA_MAXIMO.DOCLINKS`	OWNERTABLE	DOC	OWNER_TABLE
`us102762-np-pm-da-25938.QA_MAXIMO.DOCLINKS`	REFERENCE	DOC	REFERENCE
`us102762-np-pm-da-25938.QA_MAXIMO.TICKET`	SLB_JUNK_REASON	SJR	SLB_JUNK_REASON

Source Table	Source Column	CTEs	Final Output Column
`us102762-np-pm-da-25938.QA_MAXIMO.SLB_OPERATIONS`	SLB_FIELDNAME	D	FIELDNAME
`us102762-np-pm-da-25938.QA_MAXIMO.SLB_OPERATIONS`	SLB_OPERATION_STATUS	D	OPERATION_STATUS
`us102762-np-pm-da-25938.QA_MAXIMO.SLB_OPERATIONS`	SLB_RIG_TYPE	D	RIG_TYPE
`us102762-np-pm-da-25938.QA_MAXIMO.SLB_OPERATIONS`	SLB_WELL_NAME	D	WELL_NAME
-	-	-	SOURCE
-	-	-	UPDATED_DATETIME
-	-	-	PROCESSING_DATE
-	-	-	UPDATED_BY
-	-	-	CREATED_DATETIME
-	-	-	CREATED_BY