**Snowflake Table Creation**

**RAW Layer Tables:**

CREATE OR REPLACE TABLE RAW\_DEV.DEV\_RAW\_MERAKI.MERAKI\_DATA (

description VARCHAR(100),

lastSeen TIMESTAMP,

recentDeviceConnection VARCHAR(50),

MacAddress VARCHAR(50),

location VARCHAR(50),

attendanceDate TIMESTAMP

);

CREATE OR REPLACE TABLE RAW\_DEV.DEV\_RAW\_MICROSOFTGRAPH.ACCESS\_CARDS (

id INT,

username VARCHAR(100),

visit\_date TIMESTAMP,

location VARCHAR(75),

email VARCHAR(100)

);

CREATE OR REPLACE TABLE RAW\_DEV.DEV\_RAW\_MICROSOFTGRAPH.ACCESS\_CARDS\_EMAIL\_MAP (

index INT NULL,

username VARCHAR(100),

email VARCHAR(100)

);

CREATE OR REPLACE TABLE RAW\_DEV.DEV\_RAW\_MICROSOFTGRAPH.DEVICES (

deviceid INT,

operatingsystem VARCHAR(50),

macaddress VARCHAR(50),

employeeemail VARCHAR(100)

);

CREATE OR REPLACE TABLE RAW\_DEV.DEV\_RAW\_MICROSOFTGRAPH.EMAIL\_ACTIVITY (

emailactivityid INT,

objectid VARCHAR(200),

email VARCHAR(100),

reportrefreshdate DATE,

displayname VARCHAR(100),

sendcount INT,

receivecount INT,

meetingcreatedcount INT,

meetinginteractedcount INT,

reportperiod INT,

datasource VARCHAR(100)

);

CREATE OR REPLACE TABLE RAW\_DEV.DEV\_RAW\_MICROSOFTGRAPH.EMPLOYEES (

objectid VARCHAR(200),

firstname VARCHAR(50),

lastname VARCHAR(50),

displayname VARCHAR(100),

email VARCHAR(100),

department VARCHAR(100),

officelocation VARCHAR(50),

employeetype VARCHAR(100),

hiredate DATE,

accountenabled BOOLEAN

);

CREATE OR REPLACE TABLE RAW\_DEV.DEV\_RAW\_MICROSOFTGRAPH.INTUNE\_DATA (

deviceName VARCHAR(100),

operatingSystem VARCHAR(50),

userDisplayName VARCHAR(100),

wiFiMacAddress VARCHAR(50),

attendanceDate TIMESTAMP

);

CREATE OR REPLACE TABLE RAW\_DEV.DEV\_RAW\_MICROSOFTGRAPH.LOCATIONS (

locationid INT,

locationname VARCHAR(50),

VLAN INT

);

CREATE OR REPLACE TABLE RAW\_DEV.DEV\_RAW\_MICROSOFTGRAPH.VISITS (

visitid INT,

employeeemail VARCHAR(100),

locationname VARCHAR(50),

visitdatetime TIMESTAMP,

visitdate DATE,

macaddress VARCHAR(50)

);

create or replace TABLE RAW\_DEV.DEV\_RAW\_MICROSOFTGRAPH.API\_EMPLOYEE\_DATA (

DATA VARIANT

);

create or replace TABLE RAW\_DEV.DEV\_RAW\_MICROSOFTGRAPH.API\_INTUNE\_DATA (

DATA VARIANT

);

create or replace TABLE RAW\_DEV.DEV\_RAW\_MICROSOFTGRAPH.API\_EMAIL\_DATA (

REPORTREFRESHDATE DATE,

USERPRINCIPALNAME VARCHAR(100),

DISPLAYNAME VARCHAR(100),

ISDELETED BOOLEAN,

DELETEDDATE DATE,

LASTACTIVITYDATE DATE,

SENDCOUNT NUMBER(38,0),

RECEIVECOUNT NUMBER(38,0),

READCOUNT NUMBER(38,0),

MEETINGCREATEDCOUNT NUMBER(38,0),

MEETINGINTERACTEDCOUNT NUMBER(38,0),

ASSIGNEDPRODUCTS VARCHAR(200),

REPORTPERIOD NUMBER(38,0)

);

**HARMONIZED Layer Tables:**

CREATE OR REPLACE TABLE HARMONIZED\_DEV.DEV\_HAR\_MERAKI.MERAKI\_DATA (

description VARCHAR(100),

lastSeen TIMESTAMP,

recentDeviceConnection VARCHAR(50),

MacAddress VARCHAR(50),

location VARCHAR(50),

attendanceDate TIMESTAMP

);

create or replace TABLE HARMONIZED\_DEV.DEV\_HAR\_MICROSOFTGRAPH.ACCESS\_CARDS (

ID NUMBER(38,0),

USERNAME VARCHAR(100),

VISIT\_DATE TIMESTAMP\_NTZ(9),

LOCATION VARCHAR(75),

EMAIL VARCHAR(100)

);

create or replace TABLE HARMONIZED\_DEV.DEV\_HAR\_MICROSOFTGRAPH.ACCESS\_CARDS\_EMAIL\_MAP (

INDEX NUMBER(38,0),

USERNAME VARCHAR(100),

EMAIL VARCHAR(100)

);

create or replace TABLE HARMONIZED\_DEV.DEV\_HAR\_MICROSOFTGRAPH.DEVICES (

DEVICEID NUMBER(38,0),

OPERATINGSYSTEM VARCHAR(50),

MACADDRESS VARCHAR(50),

EMPLOYEEEMAIL VARCHAR(100)

);

create or replace TABLE HARMONIZED\_DEV.DEV\_HAR\_MICROSOFTGRAPH.EMAIL\_ACTIVITY (

EMAILACTIVITYID NUMBER(38,0),

OBJECTID VARCHAR(200),

EMAIL VARCHAR(100),

REPORTREFRESHDATE DATE,

DISPLAYNAME VARCHAR(100),

SENDCOUNT NUMBER(38,0),

RECEIVECOUNT NUMBER(38,0),

MEETINGCREATEDCOUNT NUMBER(38,0),

MEETINGINTERACTEDCOUNT NUMBER(38,0),

REPORTPERIOD NUMBER(38,0),

DATASOURCE VARCHAR(100),

ISDELETED BOOLEAN,

DELETEDDATE DATE,

LASTACTIVITYDATE DATE,

ASSIGNEDPRODUCTS VARCHAR(100),

READCOUNT NUMBER(38,0)

);

create or replace TABLE HARMONIZED\_DEV.DEV\_HAR\_MICROSOFTGRAPH.EMPLOYEES (

OBJECTID VARCHAR(200),

FIRSTNAME VARCHAR(50),

LASTNAME VARCHAR(50),

DISPLAYNAME VARCHAR(100),

EMAIL VARCHAR(100),

DEPARTMENT VARCHAR(100),

OFFICELOCATION VARCHAR(50),

EMPLOYEETYPE VARCHAR(100),

HIREDATE DATE,

ACCOUNTENABLED BOOLEAN

);

select \* from HARMONIZED\_DEV.DEV\_HAR\_MICROSOFTGRAPH.INTUNE\_DATA limit 100;

create or replace TABLE HARMONIZED\_DEV.DEV\_HAR\_MICROSOFTGRAPH.INTUNE\_DATA (

ATTENDANCEDATE TIMESTAMP\_NTZ(9),

ACTIVATIONLOCKBYPASSCODE VARCHAR(200),

ANDROIDSECURITYPATCHLEVEL VARCHAR(200),

AZUREADDEVICEID VARCHAR(200),

AZUREADREGISTERED BOOLEAN,

COMPLIANCEGRACEPERIODEXPIRATIONDATETIME TIMESTAMP\_NTZ(9),

COMPLIANCESTATE VARCHAR(200),

CONFIGURATIONMANAGERCLIENTENABLEDFEATURES VARCHAR(200),

DEVICEACTIONRESULTS VARCHAR(200),

DEVICECATEGORYDISPLAYNAME VARCHAR(200),

DEVICEENROLLMENTTYPE VARCHAR(200),

DEVICEHEALTHATTESTATIONSTATE VARCHAR(200),

DEVICENAME VARCHAR(100),

DEVICEREGISTRATIONSTATE VARCHAR(200),

EASACTIVATED BOOLEAN,

EASACTIVATIONDATETIME TIMESTAMP\_NTZ(9),

EASDEVICEID VARCHAR(200),

EMAILADDRESS VARCHAR(100),

ENROLLEDDATETIME TIMESTAMP\_NTZ(9),

ENROLLMENTPROFILENAME VARCHAR(200),

ETHERNETMACADDRESS VARCHAR(100),

EXCHANGEACCESSSTATE VARCHAR(200),

EXCHANGEACCESSSTATEREASON VARCHAR(200),

EXCHANGELASTSUCCESSFULSYNCDATETIME TIMESTAMP\_NTZ(9),

FREESTORAGESPACEINBYTES NUMBER(38,0),

ICCID VARCHAR(200),

ID VARCHAR(200),

IMEI VARCHAR(200),

ISENCRYPTED BOOLEAN,

ISSUPERVISED BOOLEAN,

JAILBROKEN VARCHAR(200),

LASTSYNCDATETIME TIMESTAMP\_NTZ(9),

MANAGEDDEVICENAME VARCHAR(200),

MANAGEDDEVICEOWNERTYPE VARCHAR(200),

MANAGEMENTAGENT VARCHAR(16777216),

MANAGEMENTCERTIFICATEEXPIRATIONDATE TIMESTAMP\_NTZ(9),

MANUFACTURER VARCHAR(200),

MEID VARCHAR(200),

MODEL VARCHAR(200),

NOTES VARCHAR(200),

OPERATINGSYSTEM VARCHAR(50),

OSVERSION VARCHAR(200),

PARTNERREPORTEDTHREATSTATE VARCHAR(200),

PHONENUMBER VARCHAR(200),

PHYSICALMEMORYINBYTES NUMBER(38,0),

REMOTEASSISTANCESESSIONERRORDETAILS VARCHAR(200),

REMOTEASSISTANCESESSIONURL VARCHAR(200),

REQUIREUSERENROLLMENTAPPROVAL BOOLEAN,

SERIALNUMBER VARCHAR(100),

SUBSCRIBERCARRIER VARCHAR(200),

TOTALSTORAGESPACEINBYTES NUMBER(38,0),

UDID VARCHAR(200),

USERDISPLAYNAME VARCHAR(100),

USERID VARCHAR(200),

USERPRINCIPALNAME VARCHAR(100),

WIFIMACADDRESS VARCHAR(50)

);

create or replace TABLE HARMONIZED\_DEV.DEV\_HAR\_MICROSOFTGRAPH.LOCATIONS (

LOCATIONID NUMBER(38,0),

LOCATIONNAME VARCHAR(50),

VLAN INT

);

create or replace TABLE HARMONIZED\_DEV.DEV\_HAR\_MICROSOFTGRAPH.VISITS (

VISITID NUMBER(38,0),

EMPLOYEEEMAIL VARCHAR(100),

LOCATIONNAME VARCHAR(50),

VISITDATETIME TIMESTAMP\_NTZ(9),

VISITDATE DATE,

MACADDRESS VARCHAR(50)

);