Import data from a database using Native Database Query (Power Query)

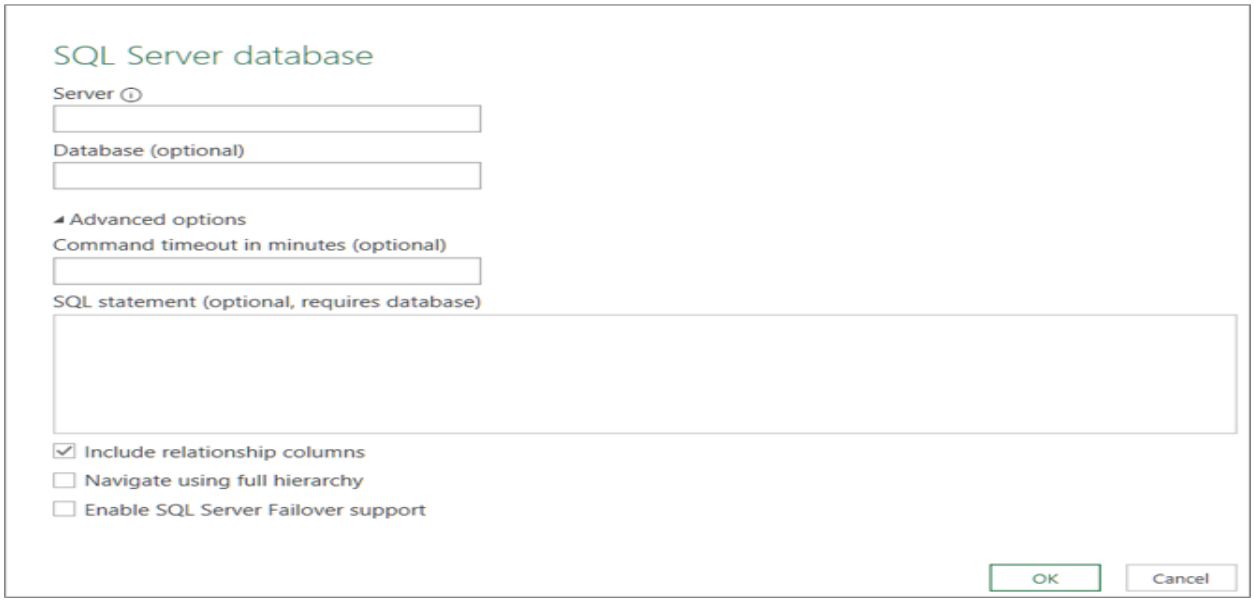
You have the flexibility to import data from wide variety of supported databases. You can also run a native database query, which can save you the time it takes to create the same results in Power Query.

Warning: If you run a Native Database Query written by another user, you are prompted to ensure that you're aware of the queries that will be evaluated with your credentials.

Enter a native database query

You can specify a native database query in the **SQL Statement** box when connecting to a database. In the example below, we import data from a SQL Server database by using a native database query. The procedure is similar all other supported databases.

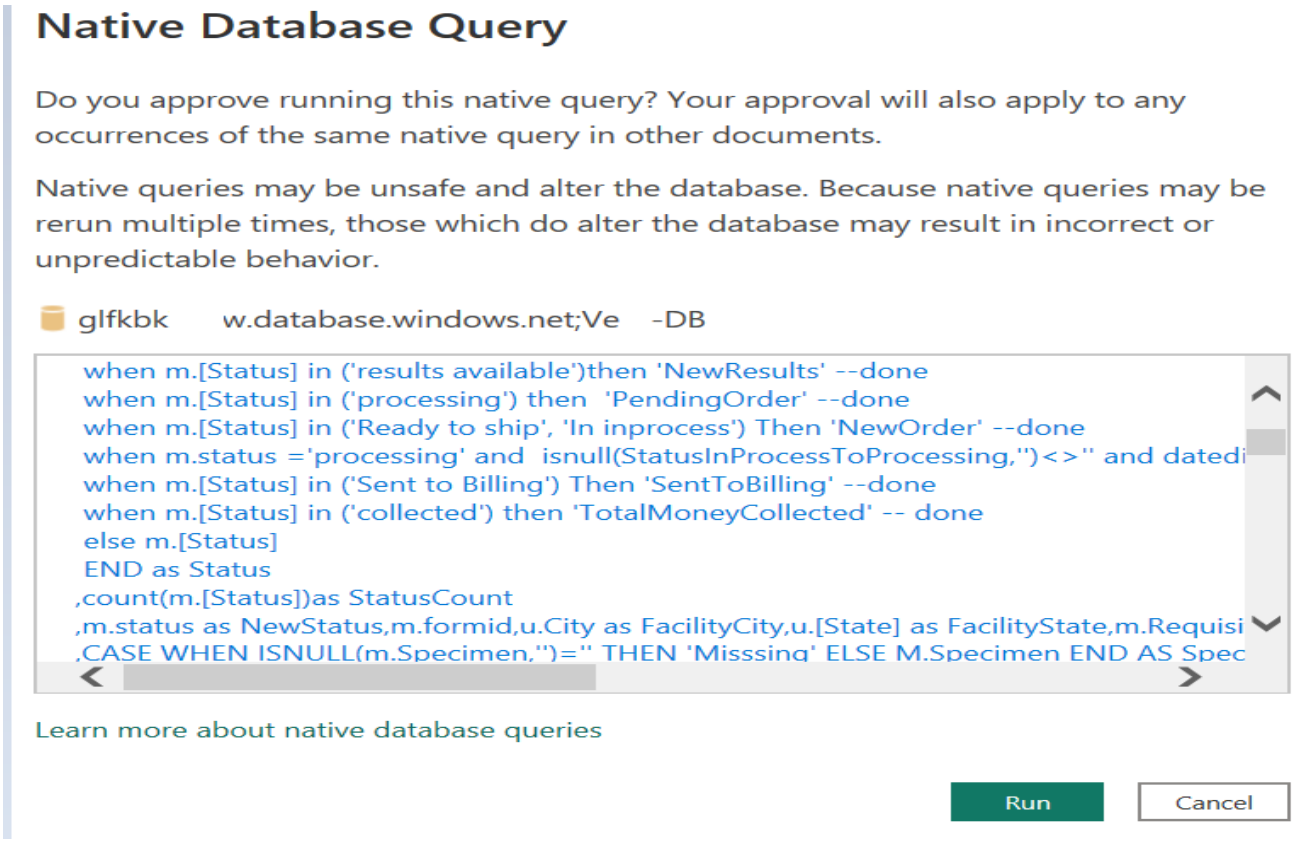
1. Select **Data** > **Get Data** > **From Databases** > **From SQL Server Database.** The **SQL Database** dialog box appears.
2. Specify the **Server** and **Database** from where you want to import data using native database query.
3. Select **Advanced Options**.
4. Enter your native database query in the **SQL statement** box.



   Additional options may be available depending on the database.

5. Select **OK**.
6. If this is the first time you're connecting to this server, you'll see a prompt to select the authentication mode to connect to the database. Select an appropriate authentication mode, and continue.
7. The data is returned to the **Power Query Editor**.
8. Shape the data as you prefer, then click **Apply & Close** to save the changes and import the data to the worksheet.

Real Example:



---V o_DB
select Case
when m.[Status] in ('validated') then 'Resulted' --done
when m.[Status] in ('results available')then 'NewResults' --done
when m.[Status] in ('processing') then 'PendingOrder' --done
when m.[Status] in ('Ready to ship', 'In inprocess') Then 'NewOrder' --done
when m.status ='processing' and isnull(StatusInProcessToProcessing,'')<>'' and datediff(dd,cast(StatusInProcessToProcessing as date), cast(getDate() as date))>=4 then 'Missing Result' --done
when m.[Status] in ('Sent to Billing') Then 'SentToBilling' --done
when m.[Status] in ('collected') then 'TotalMoneyCollected' -- done
else m.[Status]
END as Status
,count(m.[Status])as StatusCount
,m.status as NewStatus,m.formid,u.City as FacilityCity,u.[State] as FacilityState,m.RequisitionType,m.PracticeName,m.DateOfCollection
,CASE WHEN ISNULL(m.Specimen,'')='' THEN 'Misssing' ELSE M.Specimen END AS Specimen
,CASE WHEN ISNULL(M.PatientDOB,'')='' OR M.PatientDOB > GETDATE() THEN GETDATE() ELSE M.PatientDOB END AS PatientDOB
,u.status as FacilityStatus,u.issuspended as ActiveFacilityStatus,u.facilityid
,p.patientid,m.RecordId,m.accessionno,

```
    convert(varchar,m.DateOfCollection,101)as PatientDeatil_DateOfCollection,
convert(varchar,m.StatusInProcessToProcessing,101)as ReceivedDate,
convert(varchar,m.StatusProcessingToValedate,101)as ValidatedDate,
(sum(isnull(DATEDIFF(day, StatusInProcessToProcessing, StatusValidateToValidated),0))) TAT

,CASE
    when m.patientgender in ('Male') then 'Male'
    when m.patientgender in ('Female') then 'Female'

    WHEN ISNULL(m.PatientGender,'')='' then 'MissingGender'
    ELSE 'Unknown'
END as Gengergroup

,CASE
    when ISNULL(m.PaymentMethod, '')='' then 'Client Bill'
    else m.PaymentMethod
    END as PaymentMethod
,CASE
    when ISNULL(m.patientphone,'')='' Then '000000000'
    else m.patientphone
    end as PatientPhone

from
MasterRequisitionsInfo as m
left JOIN [User]as u ON m.DoctorId=u.LabId
Left JOIN Patients as p on m.guid=p.guid
--WHERE m.RequisitionType in ('Tox','Infectious Disease')
and m.STATUS not in('deleted')
and CAST(DateOfCollection as date) BETWEEN 'January 1, 2021' and CAST(GETDATE() as date)

group by
Case
    when m.[Status] in ('validated')then 'Resulted' --done
    when m.[Status] in ('results available')then 'NewResults' --done
    when m.[Status] in ('processing') then  'PendingOrder' --done
    when m.[Status] in ('Ready to ship', 'In inprocess') Then 'NewOrder' --done
    when m.status ='processing' and isnull(StatusInProcessToProcessing,'')<>'' and
datediff(dd,cast(StatusInProcessToProcessing as date), cast(getDate() as date))>=4 then 'Missing Result' --done
    when m.[Status] in ('Sent to Billing') Then 'SentToBilling' --done
    when m.[Status] in ('collected') then 'TotalMoneyCollected' -- done
    else m.[Status]r
    END
    ,m.formid,m.status,u.City,u.[State],m.RequisitionType,m.PracticeName,m.DateOfCollection

            ,CASE WHEN ISNULL(m.Specimen,'')='' THEN 'Misssing' ELSE M.Specimen END
```

```
          ,CASE WHEN ISNULL(M.PatientDOB,'')='' OR M.PatientDOB > GETDATE() THEN GETDATE() ELSE M.PatientDOB END
 ,u.status ,u.issuspended,u.facilityid,p.patientid,m.RecordId,m.accessionno
    ,convert(varchar,m.DateOfCollection,101)
    ,convert(varchar,m.StatusInProcessToProcessing,101)
    ,convert(varchar,m.StatusProcessingToValedate,101)
,CASE
   when m.patientgender in ('Male') then 'Male'
   when m.patientgender in ('Female') then 'Female'
   
   WHEN ISNULL(m.PatientGender,'')='' then 'MissingGender'
   ELSE 'Unknown'
END

,CASE
   when ISNULL(m.PaymentMethod, '')='' then 'Client Bill'
   else m.PaymentMethod
   END
,CASE
   when ISNULL(m.patientphone,'')='' Then '000000000'
   else m.patientphone
   end
```