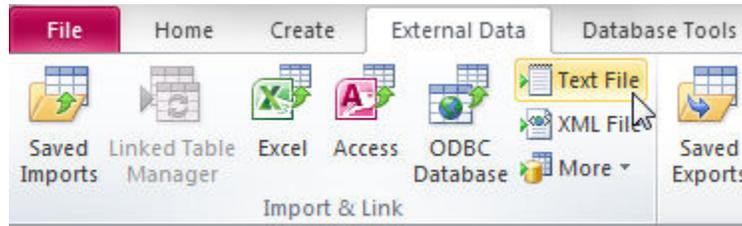
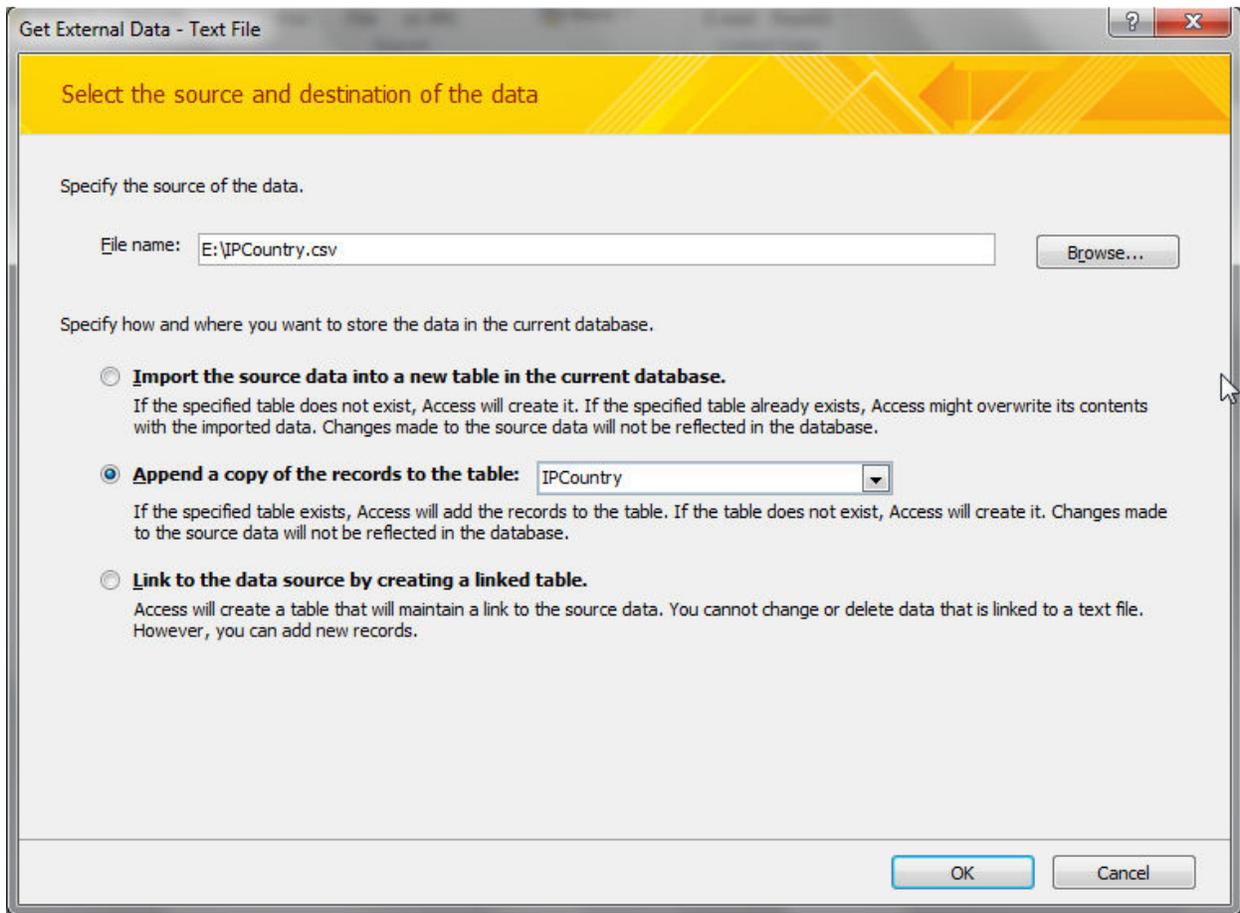


## How to import IPCOUNTRY.csv into Microsoft Access Database

1. Open the database (or, create a new database) that you want to import the CSV data.
2. Verify if the **IPCountry** table exists. (If you are creating a new database, you may need to create a new table named as **IPCountry**). Notes: Please refer to **Table Structure** section for details about table design.
3. From the **External Data** tab, select **Text File** option as shown in the screen below.



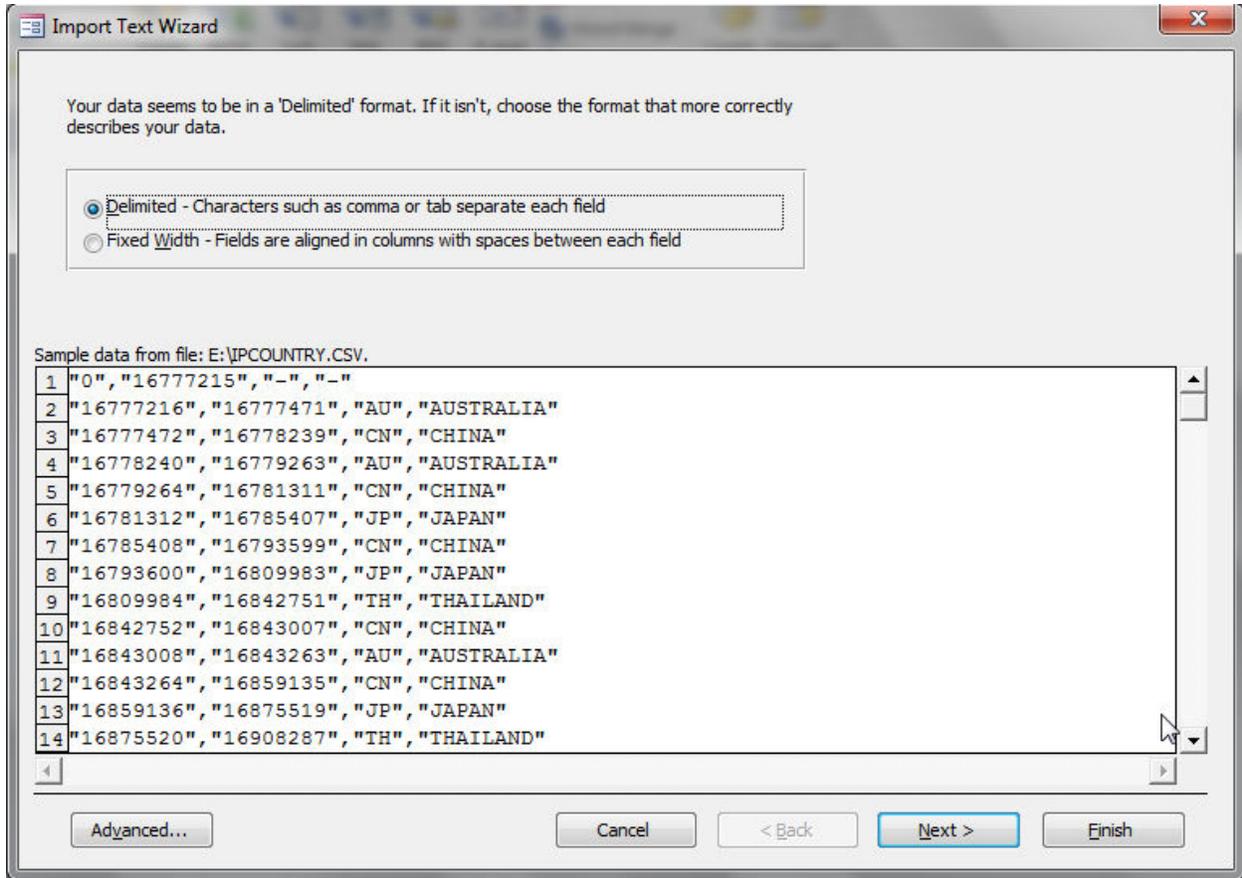
4. The “**Get External Data**” window will be shown. From the window, select the CSV file (for example, **IPCountry.csv**) by clicking the “**Browse...**” button.



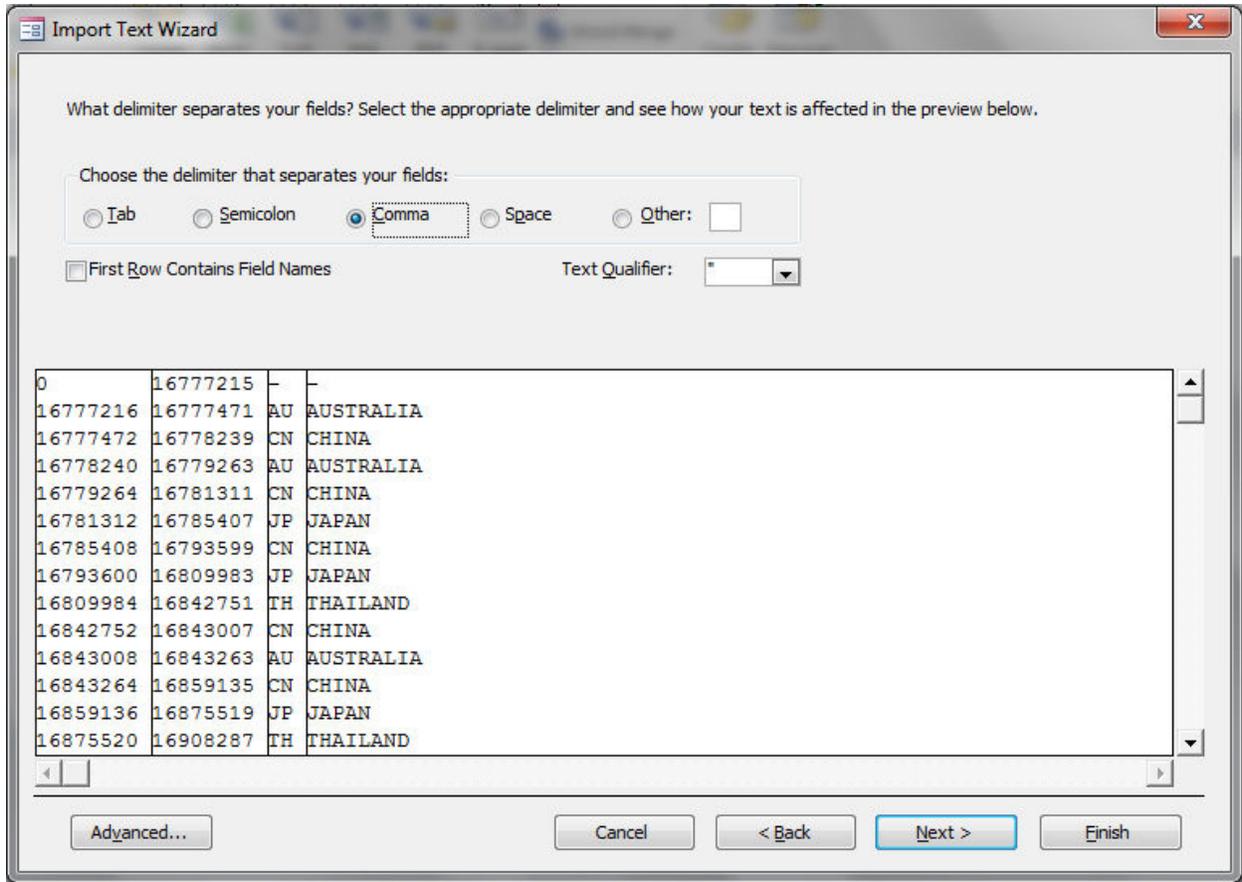
5. Make sure you select the option **“Append a copy of the records to the table”** and select the **IPCountry** entry.

**Notes:** This step will append the record into existing table, therefore please make sure the table was empty before running this step.

6. Click on **OK** button.
7. Leave the default settings as followed, and click on **“Next >”** button.



8. Leave the default settings as followed, and click on **“Finish”** button.



9. Done

Notes: We use Microsoft Access 2010 to demonstrate the step-by-step guideline. Some variants in screen capture and step may be observed for other Access version.

## How to import IPCountry.csv into MDB (Using ASP)

Below is the code snippet of how to import the IP-Country.csv file into MDB

```
<%
'The directory where CSV file stored
Set csv = Server.CreateObject("ADODB.Connection")
csv.Open "Provider=Microsoft.Jet.OLEDB.4.0;" & _
        "Data Source=" & Server.MapPath("./") & ";" & _
        "Extended Properties=""text;HDR=No;FMT=Delimited""

'The directory where MDB file stored
Set acc = Server.CreateObject("ADODB.Connection")
acc.Open "Provider=Microsoft.Jet.OLEDB.4.0;" & _
        "Data Source=" & Server.MapPath("./data/IPCountry.mdb") & ";"

'Purge all records before import
acc.Execute("DELETE FROM IPCountry")

'Open destination table
Set accRS = Server.CreateObject("ADODB.RecordSet")
accRS.Open "IPCountry", acc, 3, 3 ' adOpenStatic, adLockOptimistic

'Loop the CSV record and import into MDB
Set csvRS = csv.Execute("SELECT * FROM IPCountry.csv")
Do Until csvRS.EOF
    accRS.AddNew
    accRS("ipFROM") = csvRS(0)
    accRS("ipTO") = csvRS(1)
    accRS("countrySHORT") = csvRS(2)
    accRS("countryLONG") = csvRS(3)
    accRS.Update
    csvRS.MoveNext
Loop

'Close all connection
accRS.Close
csvRS.Close
csv.Close
acc.Close
%>
```

## Table Structure

Table Name: IPCountry

Field Name	Data Type	Field Size
ipFROM	Number	Double
ipTO	Number	Double
countrySHORT	Text	255
countryLONG	Text	255