```csharp
 1  using System.IO;
 2  using System.Text.RegularExpressions;
 3  using System.Data;
 4
 5  /*
 6   * Title:   UtilityImportData
 7   * Author:  Paul McKillop
 8   * Date:    26 December 2019
 9   * Purpose: Import data from a text file and return as a DataTable object
10   */
11
12  namespace SignatureGeneratorV
13  {
14      public class UtilityImportData
15      {
16          public static DataTable GetTextFileData(string strFilePath)
17          {
18              StreamReader sr = new StreamReader(strFilePath);
19              // Read the first line only for column headers
20              // and use these to create the DataTable columns
21              string[] headers = sr.ReadLine().Split(',');
22              DataTable dt = new DataTable();
23
24              // -- error trap and throw any exceptions
25              try
26              {
27                  //- headers
28                  foreach (string header in headers)
29                  {
30                      dt.Columns.Add(header);
31                  }
32
33                  // Read the reamining data into the DataTable
34                  // to the EndOfStream
35                  while (!sr.EndOfStream)
36                  {
37                      // Regex with escape caharacters
38                      string[] rows = Regex.Split(sr.ReadLine(), ",(?=(?:[^\"]*  ⮐
                         \"[^\"]*\")*[^\"]*$)");
39                      DataRow dr = dt.NewRow();
40                      for (int i = 0; i < headers.Length; i++)
41                      {
42                          dr[i] = rows[i];
43                      }
44                      dt.Rows.Add(dr);
45                  }
46              }
47              catch (System.Exception ex)
48              {
49
50                  throw ex;
51              }
52
53              // return the DataTable from the method
54              return dt;
55          }
```

```
56        }
57    }
58
```