

javascripi

```
function onOpen() {
```

```
    var ui = SpreadsheetApp.getUi();
```

```
    ui.createMenu('Custom CSV Importer')
```

```
        .addItem('Import CSV', 'showDialog')
```

```
        .addToUi();
```

```
}
```

```
function showDialog() {
```

```
    var htmlOutput = HtmlService.createHtmlOutputFromFile('Index')
```

```
        .setWidth(400)
```

```
        .setHeight(300);
```

```
    SpreadsheetApp.getUi().showModalDialog(htmlOutput, 'CSV Importer');
```

```
}
```

```
function importCSV(data) {
```

```
    var sheet = SpreadsheetApp.getActiveSpreadsheet().getActiveSheet();
```

```
    var csvData = Utilities.parseCsv(data);
```

```
    var numRows = csvData.length;
```

```
    var numCols = csvData[0].length;
```

```
    var app = UiApp.createApplication().setTitle('Select Columns to Import');
```

```
    var grid = app.createGrid(numRows + 1, numCols);
```

```
    for (var i = 0; i < numCols; i++) {
```

```
        var listBox = app.createListBox().setId('col_' + i);
```

```
        for (var j = 0; j < numRows; j++) {
```

```
            listBox.addItem(csvData[j][i]);
```

```
        }
```

```
        grid.setWidget(0, i, listBox);
```

```
}
```

```

var importButton = app.createButton('Import');
var handler = app.createServerClickHandler('importData');
handler.addCallbackElement(grid);
importButton.addClickHandler(handler);

grid.setWidget(numRows, 0, importButton);
app.add(grid);
var spreadsheet = SpreadsheetApp.getActiveSpreadsheet();
spreadsheet.show(app);
}

function importData(e) {
  var sheet = SpreadsheetApp.getActiveSpreadsheet().getActiveSheet();
  var values = e.parameter;
  var data = Utilities.parseCsv(e.parameter.data);

  for (var i = 0; i < data[0].length; i++) {
    var colIndex = parseInt(values['col_' + i]);
    var columnData = [];
    for (var j = 0; j < data.length; j++) {
      columnData.push([data[j][i]]);
    }
    sheet.getRange(1, colIndex + 1, data.length, 1).setValues(columnData);
  }
}

```

HTML

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<base target="_top">
</head>
<body>
  <textarea id="data" style="display: none;"></textarea>
  <script>
    function handleFileSelect(evt) {
      var file = evt.target.files[0];
      var reader = new FileReader();
      reader.onload = function(e) {
        var data = e.target.result;
        document.getElementById('data').value = data;
      };
      reader.readAsText(file);
    }
    document.getElementById('file').addEventListener('change', handleFileSelect, false);
  </script>
  <form>
    <input type="file" id="file" name="file" accept=".csv">
    <br><br>
    <input type="button" value="Import" onclick="importCSV()">
  </form>
  <script>
    function importCSV() {
      var data = document.getElementById('data').value;
      google.script.run.importCSV(data);
      google.script.host.close();
    }
  </script>
</body>
</html>
```