

Docs info : <https://laravel-excel.com/>

Step 1 : <https://docs.laravel-excel.com/3.1/imports/>

Firstly ekta Model with database migration and controller create kora holo,

php artisan make:model Test -mc

then migration table and database connect kore nite hobe

Step 2 : Based on the excel file, migration info,

```
Schema::create('tests', function (Blueprint $table) {  
    $table->id();  
    $table->string('region');  
    $table->string('country');  
    $table->string('item_type');  
    $table->string('sales');  
    $table->string('priority');  
    $table->string('date');  
    $table->string('order_id');  
    $table->string('ship_date');  
    $table->string('unit_sold');  
    $table->string('unit_price');  
    $table->string('unit_cost');  
    $table->string('total_revenue');  
    $table->string('total_cost');  
    $table->string('total_profit');  
    $table->timestamps();  
});
```

Step 2 : For Laravel 9,

Run first, composer require maatwebsite/excel

Then ei rule wise agate hobe,

Go to composer.json

Update "maatwebsite/excel": "3.1.48",

Run composer update

Go to config->app.php

from **config/app.php**,

Add to providers,

```
'providers' => [  
    Maatwebsite\Excel\ExcelServiceProvider::class,  
]
```

Add to aliases,

```
'aliases' => [  
    'Excel' => Maatwebsite\Excel\Facades\Excel::class,  
]
```

Run composer dump-autoload

Then run,

```
php artisan vendor:publish --provider="Maatwebsite\Excel\ExcelServiceProvider"
```

Step 3 : Ekta import file khulte hobe,

```
php artisan make:import UserImport --model=User
```

Step 4 : Then from **UserImport**, code snippet according to excel file ---

```
<?php

namespace App\Imports;

use App\Models\Test;
use App\Models\User;
use Illuminate\Contracts\Queue\ShouldQueue;
use Maatwebsite\Excel\Concerns\ToModel;
use Maatwebsite\Excel\Concerns\WithChunkReading;

class UsersImport implements ToModel, WithChunkReading, ShouldQueue
{
    /**
     * @param array $row
     *
     * @return \Illuminate\Database\Eloquent\Model|null
     */
    public function model(array $row)
    {
        return new Test([
            'region' => $row[0],
            'country' => $row[1],
            'item_type' => $row[2],
            'sales' => $row[3],
            'priority' => $row[4],
            'date' => $row[5],
            'order_id' => $row[6],
            'ship_date' => $row[7],
            'unit_sold' => $row[8],
            'unit_price' => $row[9],
            'unit_cost' => $row[10],
            'total_revenue' => $row[11],
            'total_cost' => $row[12],
            'total_profit' => $row[13],
        ]);
    }

    public function chunkSize(): int
    {
        return 1000;
    }
}
```

Ekhane withchunk er kaj hocche, **chunk** kore file size choto kore bhag banay felbe ar “**ShouldQueue**” job **Scheduler** er moddhe data add korte thakbe.

Step 5 : Now create a controller, from controller code snippet,

```
public function import()
{
    Excel::import(new UsersImport, \request('file'));

    return redirect('/')->with('success', 'All good!');
}
```

Step 6 : from web.php file,

```
Route::get('/', function () {
    return view('welcome');
});
```

```
Route::post('excel', [TestController::class, 'import']->name('excel'));
```

Step 6.1 : from blade file snippet,

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>Document</title>
</head>

<body>
    <form action="{{ route('excel') }}" method="post" enctype="multipart/form-
data">
        {{ csrf_field() }}
        <input type="file" name="file">
        <input type="submit">
    </form>
</body>

</html>
```

Step 7 : Queue setup korte hobe,

Queue documentation: <https://laravel.com/docs/8.x/queues#the-queue-work-command>

First run,

```
php artisan queue:table  
php artisan migrate
```

Step 8 : from .env ,

```
QUEUE_CONNECTION=database
```

Step 9 : php artisan queue:work

Then excel file ta up dite hobe.