

Module 02

MySQL

Import CSV

Data Science Developer

Download CSV Data

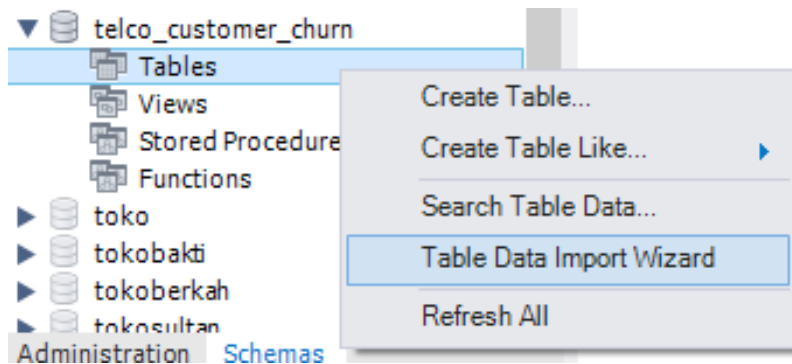
Go download csv from this url :

<https://www.kaggle.com/blastchar/telco-customer-churn/data#>

Open MySQL & Create a Database

create database telco_customer_churn;

And then click Table Data Import Wizard on the Tables on the Database you just created :



Select the CSV File

Select the csv file that you just downloaded, and then press next :

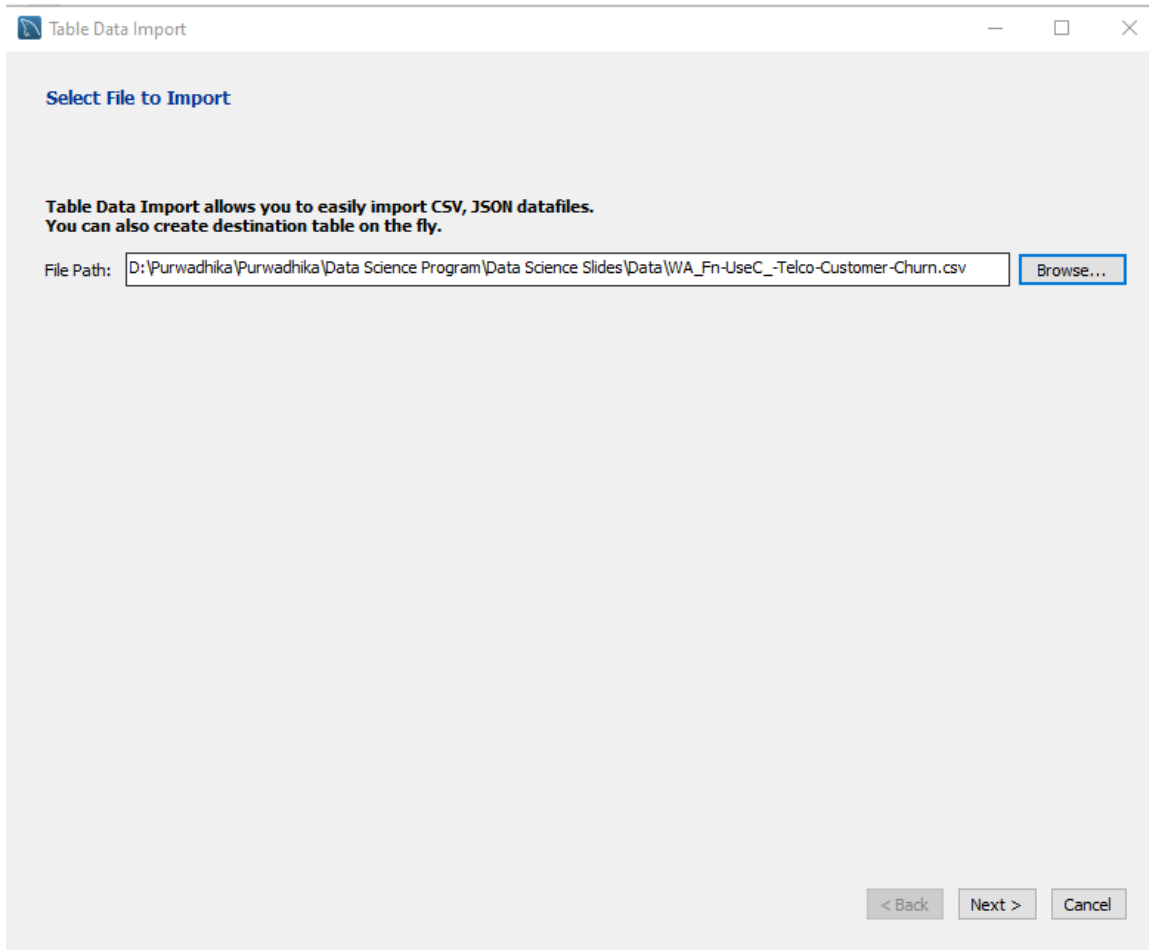


Table Data Import

Select File to Import

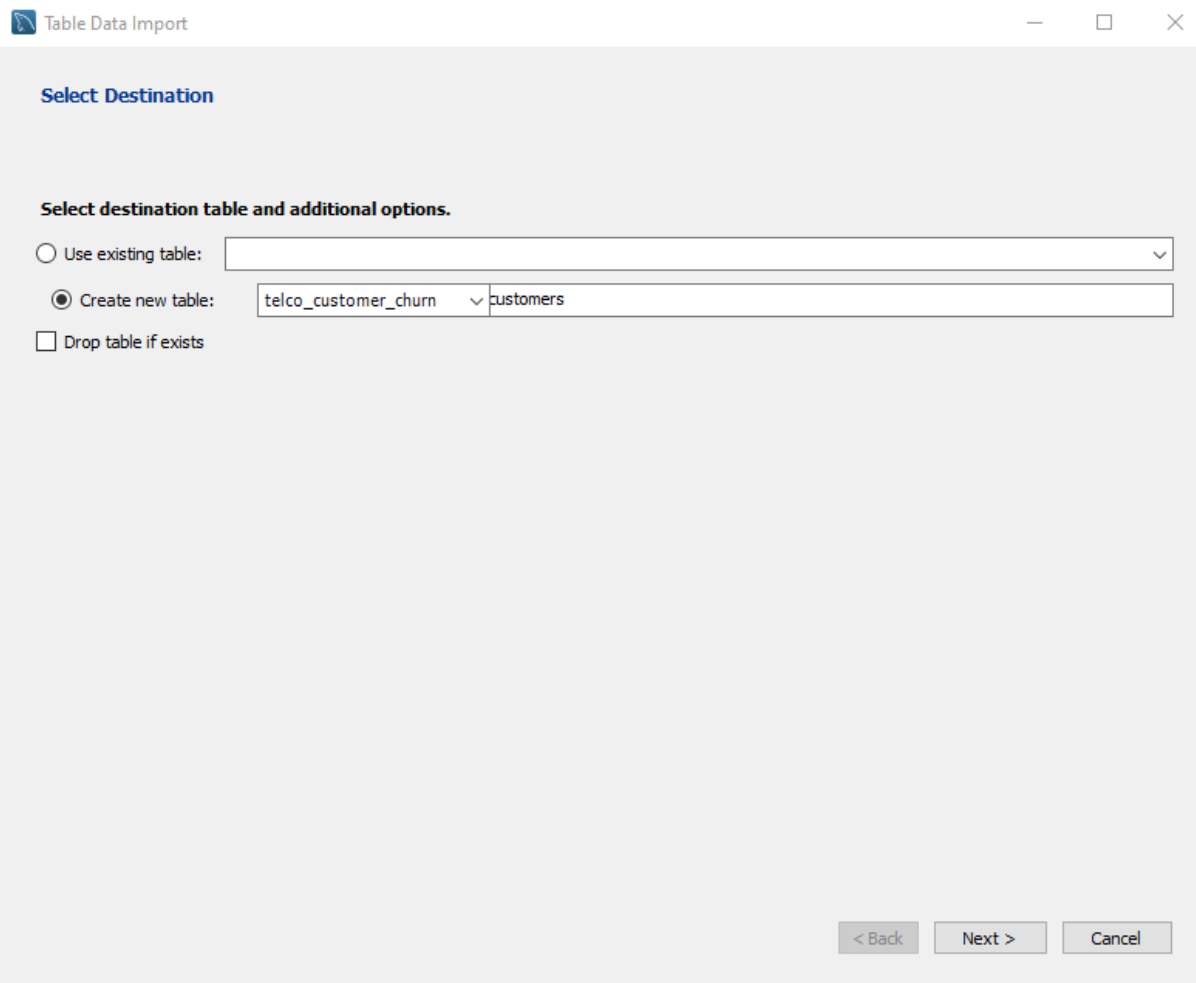
Table Data Import allows you to easily import CSV, JSON datafiles.
You can also create destination table on the fly.

File Path: D:\Purwadhika\Purwadhika\Data Science Program\Data Science Slides\Data\WA_Fn-UseC_-Telco-Customer-Churn.csv Browse...

< Back Next > Cancel

Create New Table

Create new table named customers :



The screenshot shows a 'Table Data Import' window with the following elements:

- Title Bar:** 'Table Data Import' with standard window controls (minimize, maximize, close).
- Section Header:** 'Select Destination' in blue text.
- Instruction:** 'Select destination table and additional options.'
- Options:**
 - ☐ Use existing table: (empty dropdown menu)
 - ☒ Create new table: (dropdown menu showing 'telco_customer_churn' and 'customers')
 - ☐ Drop table if exists
- Navigation Buttons:** '< Back', 'Next >', and 'Cancel' at the bottom right.

Columns Selection

Select all columns, and make sure each column type is correct for the data :

The screenshot shows the 'Table Data Import' window with the 'Configure Import Settings' tab selected. The 'Detected file format' is 'csv' and the 'Encoding' is 'utf-8'. The 'Columns' section lists seven columns, all of which are selected with checkboxes. Each column has a corresponding 'Field Type' dropdown menu. The columns and their types are: Source Column (checkbox), customerID (text), gender (text), SeniorCitizen (int), Partner (text), Dependents (text), and tenure (int). Below this, a preview table shows the first four rows of data for the selected columns.

Prot...	TechSupport	StreamingTV	Streaming...	Contract	PaperlessB...	PaymentM...	MonthlyCh...	TotalCharges	Churn
No	No	No	Month-to-m...	Yes	Electronic c...	29.85	29.85	No	
No	No	No	One year	No	Mailed check	56.95	1889.5	No	
No	No	No	Month-to-m...	Yes	Mailed check	53.85	108.15	Yes	
Yes	No	No	One year	No	Bank transf...	42.3	1840.75	No	

Check the Table & Data

```
use telco_customer_churn;
```

```
select * from customers;
```

customerID	gender	SeniorCitizen	Partner	Dependents	tenure	PhoneService	MultipleLines	InternetService	OnlineSecurity	OnlineBackup	DeviceProtection	TechSupport	StreamingTV	StreamingMovies	Contract	PaperlessBilling	PaymentMethod	MonthlyChurn
7590-VHVEG	Female	0	Yes	No	1	No	No phone service	DSL	No	Yes	No	No	No	No	Month-to-month	Yes	Electronic check	29.85
5575-GNVDE	Male	0	No	No	34	Yes	No	DSL	Yes	No	Yes	No	No	No	One year	No	Mailed check	56.95
3668-QPYBK	Male	0	No	No	2	Yes	No	DSL	Yes	Yes	No	No	No	No	Month-to-month	Yes	Mailed check	53.85
7795-CFOCW	Male	0	No	No	45	No	No phone service	DSL	Yes	No	Yes	Yes	No	No	One year	No	Bank transfer (automatic)	42.3
9237-HQITU	Female	0	No	No	2	Yes	No	Fiber optic	No	No	No	No	No	No	Month-to-month	Yes	Electronic check	70.7
9305-CDSKC	Female	0	No	No	8	Yes	Yes	Fiber optic	No	No	Yes	No	Yes	Yes	Month-to-month	Yes	Electronic check	99.65
1452-KIOVK	Male	0	No	Yes	22	Yes	Yes	Fiber optic	No	Yes	No	No	Yes	No	Month-to-month	Yes	Credit card (automatic)	89.1
6713-OKOMC	Female	0	No	No	10	No	No phone service	DSL	Yes	No	No	No	No	No	Month-to-month	No	Mailed check	29.75
7892-POOKP	Female	0	Yes	No	28	Yes	Yes	Fiber optic	No	No	Yes	Yes	Yes	Yes	Month-to-month	Yes	Electronic check	104.8
6388-TABGU	Male	0	No	Yes	62	Yes	No	DSL	Yes	Yes	No	No	No	No	One year	No	Bank transfer (automatic)	56.15
9763-GRSKD	Male	0	Yes	Yes	13	Yes	No	DSL	Yes	No	No	No	No	No	Month-to-month	Yes	Mailed check	49.95
7469-LKBCI	Male	0	No	No	16	Yes	No	No	No internet s...	No internet ...	No internet serv...	No internet ...	No internet ...	No internet serv...	Two year	No	Credit card (automatic)	18.95
8091-TTVAX	Male	0	Yes	No	58	Yes	Yes	Fiber optic	No	No	Yes	No	Yes	Yes	One year	No	Credit card (automatic)	100.35
0280-XJGEX	Male	0	No	No	49	Yes	Yes	Fiber optic	No	Yes	Yes	No	Yes	Yes	Month-to-month	Yes	Bank transfer (automatic)	103.7
5129-JLPIS	Male	0	No	No	25	Yes	No	Fiber optic	Yes	No	Yes	Yes	Yes	Yes	Month-to-month	Yes	Electronic check	105.5
3655-SNQYZ	Female	0	Yes	Yes	69	Yes	Yes	Fiber optic	Yes	Yes	Yes	Yes	Yes	Yes	Two year	No	Credit card (automatic)	113.25
8191-XWSZG	Female	0	No	No	52	Yes	No	No	No internet s...	No internet ...	No internet serv...	No internet ...	No internet ...	No internet serv...	One year	No	Mailed check	20.65
9959-WORKT	Male	0	No	Yes	71	Yes	Yes	Fiber optic	Yes	No	Yes	No	Yes	Yes	Two year	No	Bank transfer (automatic)	106.7