

CONNECT POWER BI TO CSV

CSV=comma-separated-value

Example of delimiter character

,
;
|

STEP A.

View source dataset.

<https://drive.google.com/file/d/1MFoBqTuSqqB7Td4Eh-YOQ7MrIrDnxKCr/view?usp=sharing>

```
1 PassengerId,Survived,Pclass,Name,Sex,Age,SibSp,Parch,Ticket,Fare,Cabin,Embarked
2 1,0,3,"Braund, Mr. Owen Harris",male,22,1,0,A/5 21171,7.25,,S
3 2,1,1,"Cumings, Mrs. John Bradley (Florence Briggs Thayer)",female,38,1,0,PC 17599,71.2833,C85,C
4 3,1,3,"Heikkinen, Miss. Laina",female,26,0,0,STON/O2. 3101282,7.925,,S
5 4,1,1,"Futrelle, Mrs. Jacques Heath (Lily May Peel)",female,35,1,0,113803,53.1,C123,S
6 5,0,3,"Allen, Mr. William Henry",male,35,0,0,373450,8.05,,S
7 6,0,3,"Moran, Mr. James",male,,0,0,330877,8.4583,,Q
8 7,0,1,"McCarthy, Mr. Timothy J",male,54,0,0,17463,51.8625,E46,S
9 8,0,3,"Palsson, Master. Gosta Leonard",male,2,3,1,349909,21.075,,S
10 9,1,3,"Johnson, Mrs. Oscar W (Elisabeth Vilhelmina Berg)",female,27,0,2,347742,11.1333,,S
```

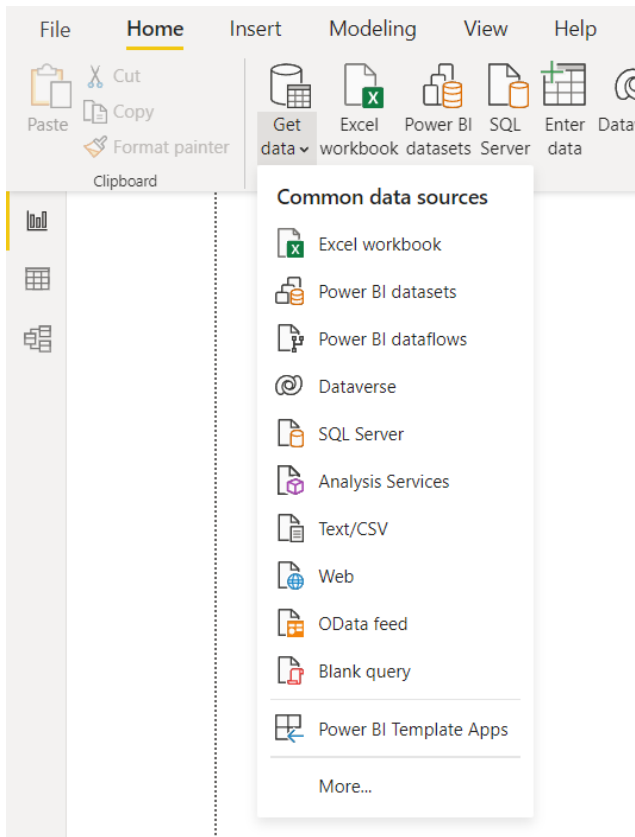
This is using notepad++ application.

<https://notepad-plus-plus.org/downloads/>

STEP 1.

Select Home Tab.

Select Get Data/CSV



STEP 2.

Specify text format settings i.e. Delimiter and Data Type Detection.

File Origin:
US-ASCII

Delimiter:
Comma
Semicolon

If user also type comma and semicolon in their data field, we need to encapsulate the text with quotes e.g "robert, david" , 'robert, david'.

| = piping character

Data Type Detection:

Click Load.

titanic.csv

File Origin

1252: Western European (Windows)

Delimiter

Comma

Data Type Detection

Based on first 200 rows

PassengerId	Survived	Pclass	Name	Sex	Age	SibSp	Parch	Ticket	F
1	0	3	Braund, Mr. Owen Harris	male	22	1	0	A/5 21171	
2	1	1	Cumings, Mrs. John Bradley (Florence Briggs Thayer)	female	38	1	0	PC 17599	7
3	1	3	Heikkinen, Miss. Laina	female	26	0	0	STON/O2. 3101282	
4	1	1	Futrelle, Mrs. Jacques Heath (Lily May Peel)	female	35	1	0	113803	
5	0	3	Allen, Mr. William Henry	male	35	0	0	373450	
6	0	3	Moran, Mr. James	male	null	0	0	330877	
7	0	1	McCarthy, Mr. Timothy J	male	54	0	0	17463	5
8	0	3	Palsson, Master. Gosta Leonard	male	2	3	1	349909	
9	1	3	Johnson, Mrs. Oscar W (Elisabeth Vilhelmina Berg)	female	27	0	2	347742	1
10	1	2	Nasser, Mrs. Nicholas (Adele Achem)	female	14	1	0	237736	3
11	1	3	Sandstrom, Miss. Marguerite Rut	female	4	1	1	PP 9549	
12	1	1	Bonnell, Miss. Elizabeth	female	58	0	0	113783	
13	0	3	Saunderscock, Mr. William Henry	male	20	0	0	A/5. 2151	
14	0	3	Andersson, Mr. Anders Johan	male	39	1	5	347082	
15	0	3	Vestrom, Miss. Hulda Amanda Adolfina	female	14	0	0	350406	
16	1	2	Hewlett, Mrs. (Mary D Kingcome)	female	55	0	0	248706	
17	0	3	Rice, Master. Eugene	male	2	4	1	382652	
18	1	2	Williams, Mr. Charles Eugene	male	null	0	0	244373	
19	0	3	Vander Planke, Mrs. Julius (Emelia Maria Vandemoortel...)	female	31	1	0	345763	
20	1	3	Maselmani, Mrs. Fatima	female	null	0	0	2649	

Extract Table Using Examples

Load

Transform Data

Cancel

STEP 3.

In the Fields Panel, select the 3-dots button to rename the table as **csv-titanic**

▼  titanic 

- ☐ Σ Age
- ☐ Cabin
- ☐ Embarked
- ☐ Σ Fare
- ☐ Name
- ☐ Σ Parch
- ☐ Σ PassengerId
- ☐ Σ Pclass
- ☐ Sex
- ☐ Σ SibSp
- ☐ Σ Survived
- ☐ Ticket

CLICUUB7IIBNCIA

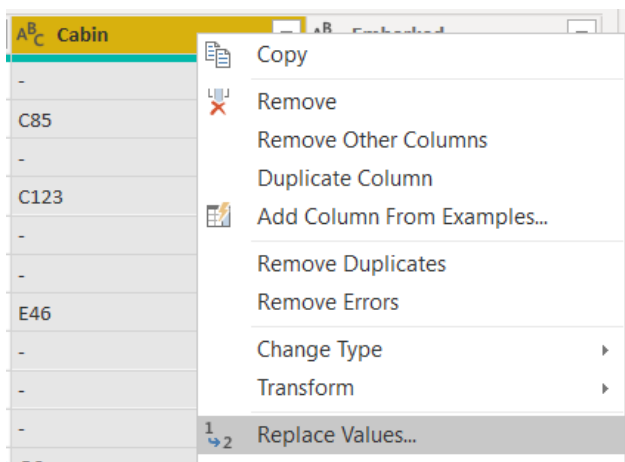
- New measure
- New column
- New quick measure
- Refresh data
- Edit query
- Manage relationships
- Incremental refresh
- Manage aggregations
- Rename
- Delete from model
- Hide
- View hidden
- Unhide all
- Collapse all
- Expand all

WORKSHEET

STEP 4.

View the data by clicking the Data button (in the left hand side panel of the Power Bi window). Check that all rows (records) contain appropriate data (compare against the original sheet).

- 1) If age column is blank, it could be due to incorrect data type. If data is already loaded to power bi, click 3-dots button beside the field query name, edit the query again, and set the data type for age as whole number.
- 2) If the loaded table contains some blank rows, edit the power query again, filter the column PassengerId, unselect blank or remove blank.
- 3) In some cases, cabin column contains empty values. One possible solution, edit power query, right-click the column Cabin, select replace values i.e. null (or empty value) is replaced by "-".



×

Replace Values

Replace one value with another in the selected columns.

Value To Find

null

Replace With

-

> Advanced options

OK

Cancel

×

Replace Values

Replace one value with another in the selected columns.

Value To Find

Replace With

> Advanced options

OK

Cancel