



Data standard

Get to understand data format and
tabular data standard

Common data format



Audio



Picture



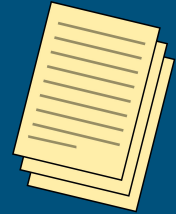
Table



Video



Web page



Document

Unstructured



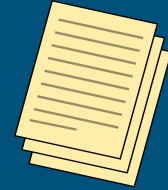
Audio



Video



Picture



Document

Semi-structured



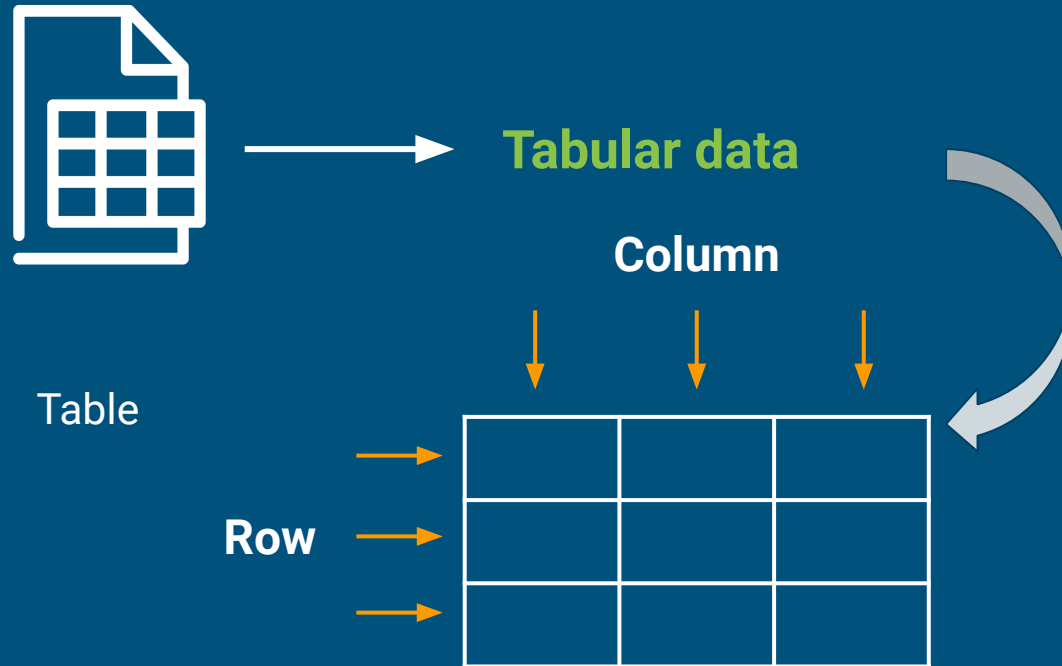
Web page

Structured



Table

Structured data



Tabular data



DATA FORMAT

DATA FORMAT



CSV



XLSX



XLSX



| | A | B | C |
|---|----|----|----|
| 1 | A | B | C |
| 2 | a1 | b1 | c1 |
| 3 | a2 | b2 | c2 |
| 4 | a3 | b3 | c3 |
| 5 | | | |



CSV



Comma-separated Value



| | | | | |
|----|---|----|---|----|
| A | , | B | , | C |
| a1 | , | b1 | , | c1 |
| a2 | , | b2 | , | c2 |
| a3 | , | b3 | , | c3 |

```
csv-example.csv - Notepad
File Edit View
ID,SchName,Enrollment
1,Angkor,1000
2,Bavel,1500
3,Wat Bo,2500
```

| ID | SchName | Enrollment |
|----|---------|------------|
| 1 | Angkor | 1000 |
| 2 | Bavel | 1500 |
| 3 | Wat Bo | 2500 |

This tabular need to comply with the **DATA STANDARD**

Tabular data standard

| <i>District</i> | SUM of Enrollment |
|--------------------|-------------------|
| Angkor Chom | 744 |
| Angkor Chum | 14020 |
| Angkor Thom | 7526 |
| Banteay Srey | 9859 |
| Chi Kreng | 29529 |
| Chikreng | 843 |
| Kra Lanh | 2909 |
| Kralanh | 12363 |
| Prasat Bakorng | 17949 |
| Puok | 29634 |
| Saut Nikum | 25302 |
| Siemreap | 59088 |
| Srey Snam | 9430 |
| Svay Leu | 6722 |
| Varin | 8922 |
| Grand Total | 234840 |

| school_name | school_type | number_student | number_teacher |
|--------------------|--------------------|------------------------|-----------------------|
| Banteay Chhmar | Primary | A thousand | 30 teachers |
| Angkor | Secondary | 800 number of students | 20 num_teach |
| Preah Sisowath | High school | 2000 students | 80 |

Column



Header



Row



Cell



No duplicates row

| Name | Gender | Income | Occupation | Age |
|-------------|--------|--------|------------|-----|
| Tea Ponlok | M | 15000 | Teacher | 38 |
| Sam Sophy | F | 12000 | Worker | 29 |
| Choun Sovan | M | 25000 | Teacher | 31 |
| Choun Sovan | M | 25000 | Teacher | 31 |
| Siv Kuntha | F | 23000 | Worker | 27 |
| Siv Kuntha | F | 23000 | Worker | 27 |

No duplicates row

| Name | Gender | Income | Occupation | Age |
|-------------|--------|--------|------------|-----|
| Tea Ponlok | M | 15000 | Teacher | 38 |
| Sam Sophy | F | 12000 | Worker | 29 |
| Choun Sovan | M | 25000 | Teacher | 31 |
| Siv Kuntha | F | 23000 | Worker | 27 |


No blank rows

| Name | Gender | Income | Occupation | Age |
|-------------|--------|--------|------------|-----|
| Tea Ponlok | M | 15000 | Teacher | 38 |
| Sam Sophy | F | 12000 | Worker | 29 |
| | | | | |
| Choun Sovan | M | 25000 | Teacher | 31 |
| | | | | |
| Siv Kuntha | F | 23000 | Worker | 27 |

Column

Value must be consistent throughout the column

| Date | Date |
|-----------------|------------|
| 30 September 21 | 30/09/2021 |
| 30/9/2021 | 30/09/2021 |
| 9/30/2021 | 30/09/2021 |
| 30/9/21 | 30/09/2021 |
| 30-Sep-2021 | 30/09/2021 |



Column

Value must be consistent throughout the column

| |
|-----------------|
| Province |
| phnom penh |
| PHNOM PENH |
| Phnom Penh |
| PhnomPenh |
| Phnom Penh |



| |
|-----------------|
| Province |
| Phnom Penh |
| Phnom Penh |
| Phnom Penh |
| Phnom Penh |
| Phnom Penh |

Thank You!