# Data Warehousing and Mining Lab
# Assignment - 9
# CSE 326

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# Contents

# 1 Uploading Files in Google Colab

## 1.1 CSV Upload

### 1.1.1 CODE

```
from google.colab import files
uploaded = files.upload()

import pandas as pd
df = pd.read_csv('titanic.csv')
print(df.head())
```

### 1.1.2 Screenshot

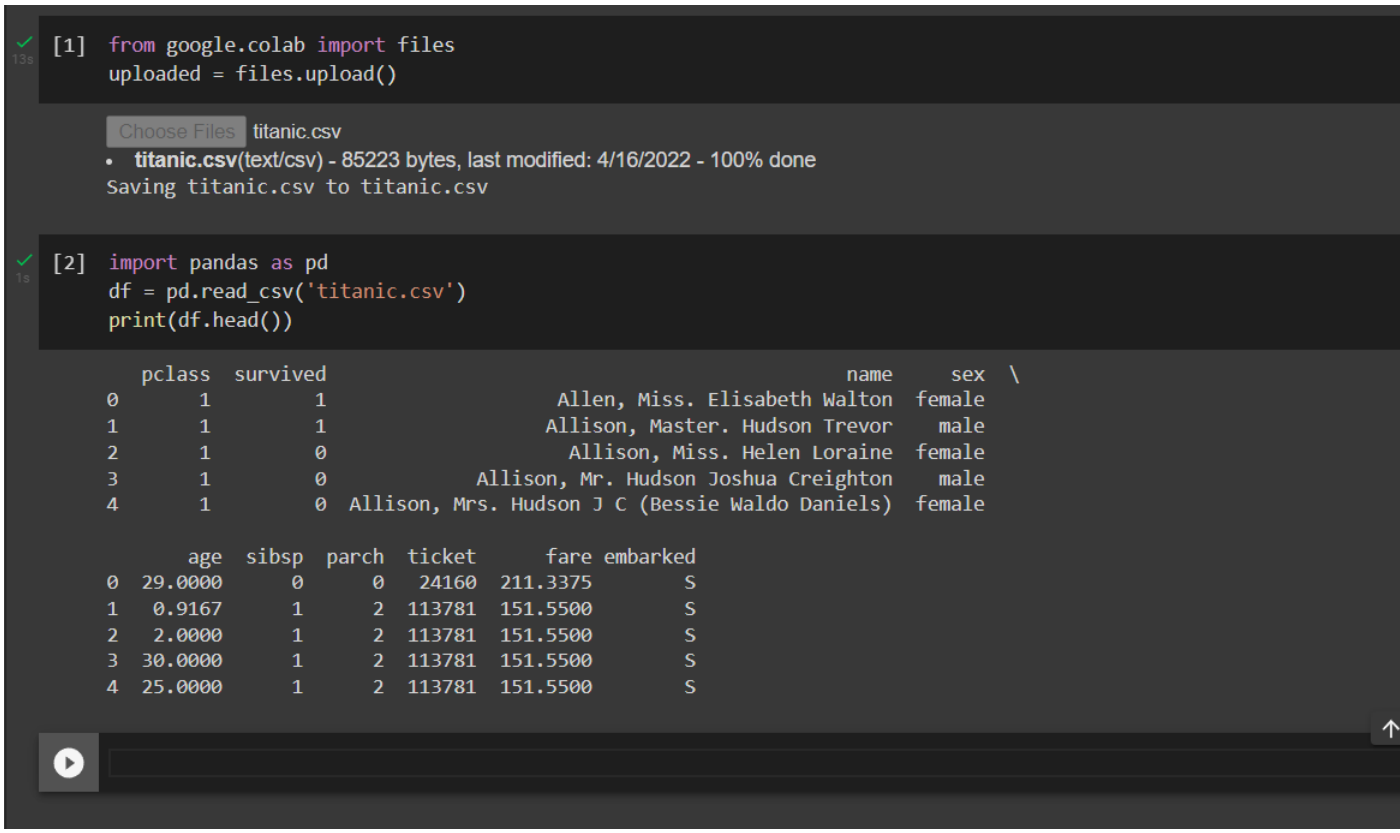


Figure 1: CSV file, uploaded using colab

## 1.2 Excel Upload

### 1.2.1 CODE

```
from google.colab import files
uploaded = files.upload()

import pandas as pd
df = pd.read_excel('titanic.xls')
print(df.head())
```

### 1.2.2 Screenshot

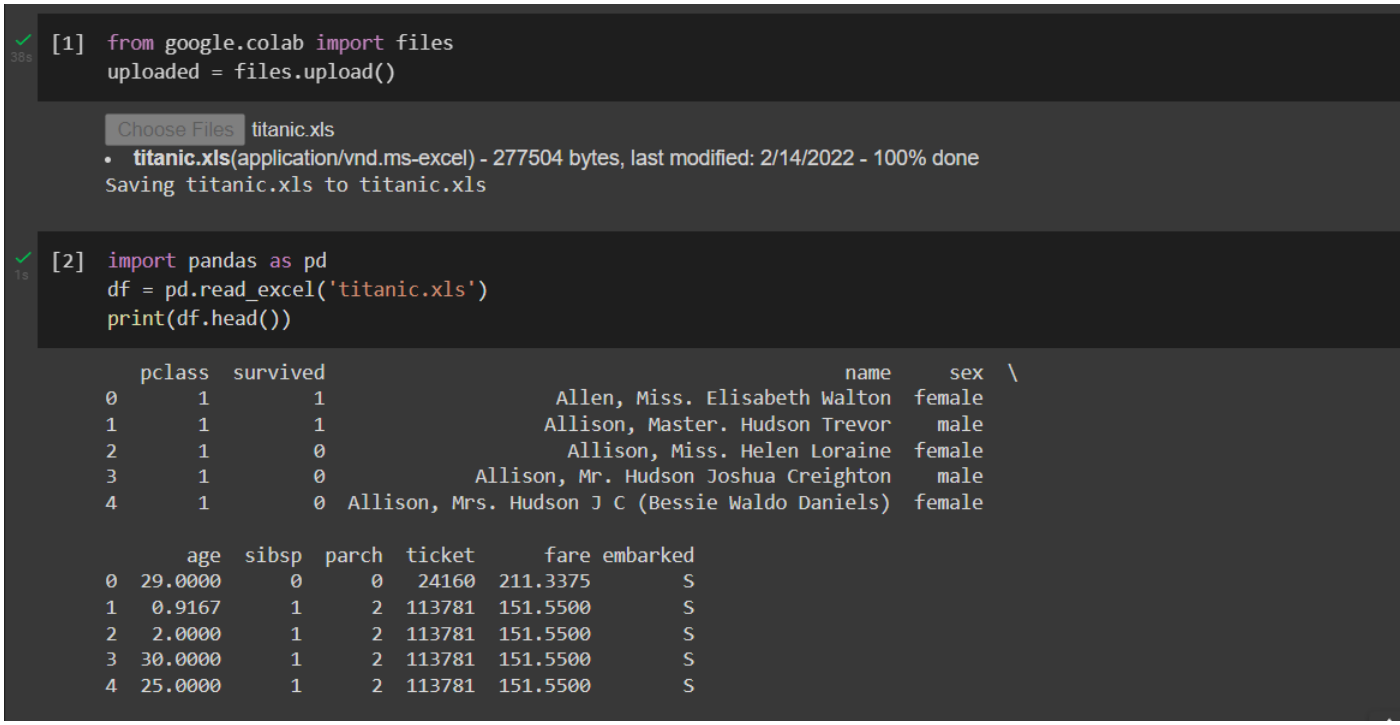


Figure 2: Excel file, uploaded using colab

## 1.3 CSV Git

### 1.3.1 CODE

```
!git clone https://github.com/singhkhushi25/6semdata.git

import pandas as pd
df = pd.read_csv('/content/6semdata/titanic.csv')
print(df.head())
```

### 1.3.2 Screenshot

```
[1] !git clone https://github.com/singhkhushi25/6semdata.git

Cloning into '6semdata'...
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (5/5), done.
remote: Total 6 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (6/6), done.

[2] import pandas as pd
    df = pd.read_csv('/content/6semdata/titanic.csv')
    print(df.head())

   pclass  survived                                             name     sex  \
0     1.0       1.0                    Allen, Miss. Elisabeth Walton  female
1     1.0       1.0                   Allison, Master. Hudson Trevor    male
2     1.0       0.0                     Allison, Miss. Helen Loraine  female
3     1.0       0.0             Allison, Mr. Hudson Joshua Creighton    male
4     1.0       0.0  Allison, Mrs. Hudson J C (Bessie Waldo Daniels)  female

        age  sibsp  parch  ticket      fare    cabin embarked boat   body  \
0  29.0000    0.0    0.0   24160  211.3375       B5        S    2    NaN
1   0.9167    1.0    2.0  113781  151.5500  C22 C26        S   11    NaN
2   2.0000    1.0    2.0  113781  151.5500  C22 C26        S  NaN    NaN
3  30.0000    1.0    2.0  113781  151.5500  C22 C26        S  NaN  135.0
4  25.0000    1.0    2.0  113781  151.5500  C22 C26        S  NaN    NaN

                        home.dest
0                    St Louis, MO
1  Montreal, PQ / Chesterville, ON
2  Montreal, PQ / Chesterville, ON
3  Montreal, PQ / Chesterville, ON
4  Montreal, PQ / Chesterville, ON
```

Figure 3: CSV file, uploaded using git cloning

## 1.4 Excel Git

### 1.4.1 CODE

```
!git clone https://github.com/singhkhushi25/6semdata.git

import pandas as pd
df = pd.read_excel('/content/6semdata/titanic (3).xls')
print(df.head())
```

### 1.4.2 Screenshot

```
[1] !git clone https://github.com/singhkhushi25/6semdata.git

Cloning into '6semdata'...
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (5/5), done.
remote: Total 6 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (6/6), done.

[3] import pandas as pd
    df = pd.read_excel('/content/6semdata/titanic (3).xls')
    print(df.head())

   pclass  survived                                             name     sex  \
0       1         1                    Allen, Miss. Elisabeth Walton  female
1       1         1                   Allison, Master. Hudson Trevor    male
2       1         0                     Allison, Miss. Helen Loraine  female
3       1         0             Allison, Mr. Hudson Joshua Creighton    male
4       1         0  Allison, Mrs. Hudson J C (Bessie Waldo Daniels)  female

      age  sibsp  parch  ticket      fare    cabin embarked boat   body  \
0  29.0000      0      0   24160  211.3375       B5        S    2    NaN
1   0.9167      1      2  113781  151.5500  C22 C26        S   11    NaN
2   2.0000      1      2  113781  151.5500  C22 C26        S  NaN    NaN
3  30.0000      1      2  113781  151.5500  C22 C26        S  NaN  135.0
4  25.0000      1      2  113781  151.5500  C22 C26        S  NaN    NaN

                        home.dest
0                     St Louis, MO
1  Montreal, PQ / Chesterville, ON
2  Montreal, PQ / Chesterville, ON
3  Montreal, PQ / Chesterville, ON
4  Montreal, PQ / Chesterville, ON
```

Figure 4: Excel file, uploaded using git cloning