

```
import pandas as pd
from google.colab import drive
drive.mount('/content/drive')
d=pd.read_csv('/content/drive/My Drive/Colab Notebooks/data.csv')
print(d)
```

Mounted at /content/drive

|    | Emp ID | Name Prefix | First Name | Middle Initial | Last Name  | Gender | \ |
|----|--------|-------------|------------|----------------|------------|--------|---|
| 0  | 677509 | Drs.        | Lois       |                | H Walker   | F      |   |
| 1  | 940761 | Ms.         | Brenda     |                | S Robinson | F      |   |
| 2  | 428945 | Dr.         | Joe        |                | W Robinson | M      |   |
| 3  | 408351 | Drs.        | Diane      |                | I Evans    | F      |   |
| 4  | 193819 | Mr.         | Benjamin   |                | R Russell  | M      |   |
| .. | ...    | ...         | ...        | ...            | ...        | ...    |   |
| 95 | 639892 | Mr.         | Jose       |                | K Hill     | M      |   |
| 96 | 704709 | Dr.         | Harold     |                | Z Nelson   | M      |   |
| 97 | 461593 | Ms.         | Nicole     |                | O Ward     | F      |   |
| 98 | 392491 | Mrs.        | Theresa    |                | R Murphy   | F      |   |
| 99 | 495141 | Drs.        | Tammy      |                | B Young    | F      |   |

  

|    | E Mail   | Father's Name    | Mother's Name      | \ |
|----|--|------------------|--------------------|---|
| 0  | <a href="mailto:lois.walker@hotmail.com">lois.walker@hotmail.com</a>           | Donald Walker    | Helen Walker       |   |
| 1  | <a href="mailto:brenda.robinson@gmail.com">brenda.robinson@gmail.com</a>       | Raymond Robinson | Judy Robinson      |   |
| 2  | <a href="mailto:joe.robinson@gmail.com">joe.robinson@gmail.com</a>             | Scott Robinson   | Stephanie Robinson |   |
| 3  | <a href="mailto:diane.evans@yahoo.com">diane.evans@yahoo.com</a>               | Jason Evans      | Michelle Evans     |   |
| 4  | <a href="mailto:benjamin.russell@charter.net">benjamin.russell@charter.net</a> | Gregory Russell  | Elizabeth Russell  |   |
| .. | ...  | ...              | ...                |   |
| 95 | <a href="mailto:jose.hill@hotmail.com">jose.hill@hotmail.com</a>               | Carlos Hill      | Anna Hill          |   |
| 96 | <a href="mailto:harold.nelson@gmail.com">harold.nelson@gmail.com</a>           | Richard Nelson   | Pamela Nelson      |   |
| 97 | <a href="mailto:nicole.ward@yahoo.com">nicole.ward@yahoo.com</a>               | Ralph Ward       | Julia Ward         |   |
| 98 | <a href="mailto:theresa.murphy@gmail.com">theresa.murphy@gmail.com</a>         | George Murphy    | Jacqueline Murphy  |   |
| 99 | <a href="mailto:tammy.young@comcast.net">tammy.young@comcast.net</a>           | Andrew Young     | Brenda Young       |   |

  

|    | Mother's Maiden Name | Salary |
|----|----------------------|--------|
| 0  | Lewis                | 168251 |
| 1  | Perry                | 51063  |
| 2  | Taylor               | 50155  |
| 3  | Allen                | 180294 |
| 4  | Nelson               | 117642 |
| .. | ...                  | ...    |
| 95 | Hayes                | 129774 |
| 96 | Smith                | 156194 |
| 97 | Lee                  | 95673  |
| 98 | Peterson             | 51015  |
| 99 | Robinson             | 93650  |

[100 rows x 11 columns]

```
df=pd.DataFrame(d)
print("Columns:",df.columns)
print(df.shape)
```

Columns: Index(['Emp ID', 'Name Prefix', 'First Name', 'Middle Initial', 'Last Name', 'Gender', 'E Mail', 'Father's Name', 'Mother's Name', 'Mother's Maiden Name', 'Salary'], dtype='object')  
(100, 11)

```
print("\nSalary\n",df["Salary"])
```

Salary

|    |        |
|----|--------|
| 0  | 168251 |
| 1  | 51063  |
| 2  | 50155  |
| 3  | 180294 |
| 4  | 117642 |
| .. | ...    |
| 95 | 129774 |
| 96 | 156194 |
| 97 | 95673  |
| 98 | 51015  |
| 99 | 93650  |

Name: Salary, Length: 100, dtype: int64

```
print(df[5:9])
```

Emp ID Name Prefix First Name Middle Initial Last Name Gender \

|   |        |      |         |  |          |   |  |
|---|--------|------|---------|--|----------|---|--|
| 5 | 499687 | Mr.  | Patrick |  | F Bailey | M |  |
| 6 | 539712 | Ms.  | Nancy   |  | T Baker  | F |  |
| 7 | 380086 | Mrs. | Carol   |  | V Murphy | F |  |
| 8 | 477616 | Hon. | Frances |  | B Young  | F |  |

  

|   | E Mail   | Father's Name | Mother's Name    | \ |
|---|--|---------------|------------------|---|
| 5 | <a href="mailto:patrick.bailey@aol.com">patrick.bailey@aol.com</a>   | Ralph Bailey  | Laura Bailey     |   |
| 6 | <a href="mailto:nancy.baker@bp.com">nancy.baker@bp.com</a>           | Scott Baker   | Judy Baker       |   |
| 7 | <a href="mailto:carol.murphy@gmail.com">carol.murphy@gmail.com</a>   | Eugene Murphy | Katherine Murphy |   |
| 8 | <a href="mailto:frances.young@gmail.com">frances.young@gmail.com</a> | Fred Young    | Lillian Young    |   |

  

|   | Mother's Maiden Name | Salary |
|---|----------------------|--------|
| 5 | Henderson            | 72305  |
| 6 | Thomas               | 98189  |
| 7 | Peterson             | 60918  |
| 8 | Diaz                 | 121587 |

```
print(d.loc[d["Salary"]==72305])
```

Emp ID Name Prefix First Name Middle Initial Last Name Gender \

|   |        |     |         |  |          |   |  |
|---|--------|-----|---------|--|----------|---|--|
| 5 | 499687 | Mr. | Patrick |  | F Bailey | M |  |
|---|--------|-----|---------|--|----------|---|--|

  

|   | E Mail   | Father's Name | Mother's Name | Mother's Maiden Name | \ |
|---|--|---------------|---------------|----------------------|---|
| 5 | <a href="mailto:patrick.bailey@aol.com">patrick.bailey@aol.com</a> | Ralph Bailey  | Laura Bailey  | Henderson            |   |

  

Salary

|   |       |
|---|-------|
| 5 | 72305 |
|---|-------|

