

# OUTPUTS

Input : 1

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

! READ DATA IN DIFFERENT WAYS !

1. Read complete csv file
2. Reading file without index

! DATA ANALYSIS !

3. Sorting data as per your choice
4. Read Top and Bottom Records as per your choice
5. Read file with specified columns

! DATA VISUALIZATION !

6. Line Chart
7. Bar Chart

=====

Enter your choice : 1

Reading Data From csv

	Country	Total Cases	...	Death Rate	Recovery Rate
0	USA	52510978	...	1.59	77.90
1	India	34765976	...	1.38	98.40
2	Brazil	22222928	...	2.78	96.36
3	UK	11647473	...	1.27	85.19
4	Russia	10318650	...	2.92	88.57
..	...	...	...	...	...
96	Albania	206616	...	1.54	95.96
97	Botswana	204701	...	1.18	94.51
98	Zimbabwe	199404	...	2.42	74.06
99	Uzbekistan	197753	...	0.74	98.42
100	China	100644	...	4.61	93.58

[101 rows x 11 columns]

! THANK-YOU FOR VISITING THE DATASET !

Process finished with exit code 0

Input : 2

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

! READ DATA IN DIFFERENT WAYS !

- 1. Read complete csv file
- 2. Reading file without index

! DATA ANALYSIS !

- 3. Sorting data as per your choice
- 4. Read Top and Bottom Records as per your choice
- 5. Read file with specified columns

! DATA VISUALIZATION !

- 6. Line Chart
- 7. Bar Chart

=====

Enter your choice : 2

Reading Data From csv file without index values

Country	Total Cases	Total Deaths	...	Death Rate	Recovery Rate
USA	52510978	833029	...	1.59	77.90
India	34765976	478759	...	1.38	98.40
Brazil	22222928	618128	...	2.78	96.36
UK	11647473	147573	...	1.27	85.19
Russia	10318650	301271	...	2.92	88.57
...	...	...	...	...	...
Albania	206616	3180	...	1.54	95.96
Botswana	204701	2425	...	1.18	94.51
Zimbabwe	199404	4828	...	2.42	74.06
Uzbekistan	197753	1471	...	0.74	98.42
China	100644	4636	...	4.61	93.58

[101 rows x 10 columns]

! THANK-YOU FOR VISITING THE DATASET !

Process finished with exit code 0

First Input : 3

Second Input : 1

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

! READ DATA IN DIFFERENT WAYS !

- 1. Read complete csv file
- 2. Reading file without index

! DATA ANALYSIS !

- 3. Sorting data as per your choice
- 4. Read Top and Bottom Records as per your choice
- 5. Read file with specified columns

! DATA VISUALIZATION !

- 6. Line Chart
- 7. Bar Chart

=====

Enter your choice : 3

! COVID-19 OVERALL ANALYSIS !

>> To display record in Descending Order

Press 1 to arrange the record as per TOTAL CASES  
Press 2 to arrange the record as per TOTAL DEATHS  
Press 3 to arrange the record as per ACTIVE CASES  
Press 4 to arrange the record as per TOTAL RECOVERED

\*\*\*\*\*

>> To display record in Ascending Order

Press 5 to arrange the record as per TOTAL CASES  
Press 6 to arrange the record as per TOTAL DEATHS  
Press 7 to arrange the record as per ACTIVE CASES  
Press 8 to arrange the record as per TOTAL RECOVERED

Enter Your Choice : 1

	Country	Total Cases	...	Death Rate	Recovery Rate
0	USA	52510978	...	1.59	77.90
1	India	34765976	...	1.38	98.40
2	Brazil	22222928	...	2.78	96.36
3	UK	11647473	...	1.27	85.19
4	Russia	10318650	...	2.92	88.57
..	...	...	...	...	...
96	Albania	206616	...	1.54	95.96
97	Botswana	204701	...	1.18	94.51
98	Zimbabwe	199404	...	2.42	74.06
99	Uzbekistan	197753	...	0.74	98.42
100	China	100644	...	4.61	93.58

[101 rows x 11 columns]

! THANK-YOU FOR VISITING THE DATASET !

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First Input : 3

Second Input : 2

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

! READ DATA IN DIFFERENT WAYS !

- 1. Read complete csv file
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! DATA VISUALIZATION !

- 6. Line Chart
- 7. Bar Chart

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Enter your choice : 3

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>> To display record in Descending Order

Press 1 to arrange the record as per TOTAL CASES  
Press 2 to arrange the record as per TOTAL DEATHS  
Press 3 to arrange the record as per ACTIVE CASES  
Press 4 to arrange the record as per TOTAL RECOVERED

\*\*\*\*\*

>> To display record in Ascending Order

Press 5 to arrange the record as per TOTAL CASES  
Press 6 to arrange the record as per TOTAL DEATHS  
Press 7 to arrange the record as per ACTIVE CASES  
Press 8 to arrange the record as per TOTAL RECOVERED

Enter Your Choice : 2

	Country	Total Cases	...	Death Rate	Recovery Rate
0	USA	52510978	...	1.59	77.90
3	UK	11647473	...	1.27	85.19
6	France	8798028	...	1.39	86.97
4	Russia	10318650	...	2.92	88.57
7	Germany	6915353	...	1.59	86.66
..	...	...	...	...	...
56	Guatemala	624544	...	2.58	97.27
84	Bahrain	278875	...	0.50	99.21
71	Kuwait	414413	...	0.60	99.22
82	Oman	304984	...	1.35	98.44
43	Cuba	964317	...	0.86	99.09

[101 rows x 11 columns]

! THANK-YOU FOR VISITING THE DATASET !

Process finished with exit code 0

First Input : 3

Second Input : 3

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

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5. Read file with specified columns

! DATA VISUALIZATION !

6. Line Chart
7. Bar Chart

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Enter your choice : 3

! COVID-19 OVERALL ANALYSIS !

>> To display record in Descending Order

Press 1 to arrange the record as per TOTAL CASES  
Press 2 to arrange the record as per TOTAL DEATHS  
Press 3 to arrange the record as per ACTIVE CASES  
Press 4 to arrange the record as per TOTAL RECOVERED

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>> To display record in Ascending Order

Press 5 to arrange the record as per TOTAL CASES  
Press 6 to arrange the record as per TOTAL DEATHS  
Press 7 to arrange the record as per ACTIVE CASES  
Press 8 to arrange the record as per TOTAL RECOVERED

Enter Your Choice : 3

	Country	Total Cases	...	Death Rate	Recovery Rate
0	USA	52510978	...	1.59	77.90
2	Brazil	22222928	...	2.78	96.36
1	India	34765976	...	1.38	98.40
4	Russia	10318650	...	2.92	88.57
15	Mexico	3940481	...	7.57	83.59
..	...	...	...	...	...
99	Uzbekistan	197753	...	0.74	98.42
84	Bahrain	278875	...	0.50	99.21
80	Norway	363554	...	0.35	24.47
85	Singapore	276720	...	0.30	98.54
89	Qatar	247082	...	0.25	98.81

[101 rows x 11 columns]

! THANK-YOU FOR VISITING THE DATASET !

Process finished with exit code 0

First Input : 3

Second Input : 4

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

! READ DATA IN DIFFERENT WAYS !

- 1. Read complete csv file
- 2. Reading file without index

! DATA ANALYSIS !

- 3. Sorting data as per your choice
- 4. Read Top and Bottom Records as per your choice
- 5. Read file with specified columns

! DATA VISUALIZATION !

- 6. Line Chart
- 7. Bar Chart

=====

Enter your choice : 3

! COVID-19 OVERALL ANALYSIS !

>> To display record in Descending Order

Press 1 to arrange the record as per TOTAL CASES  
Press 2 to arrange the record as per TOTAL DEATHS  
Press 3 to arrange the record as per ACTIVE CASES  
Press 4 to arrange the record as per TOTAL RECOVERED

\*\*\*\*\*

>> To display record in Ascending Order

Press 5 to arrange the record as per TOTAL CASES  
Press 6 to arrange the record as per TOTAL DEATHS  
Press 7 to arrange the record as per ACTIVE CASES  
Press 8 to arrange the record as per TOTAL RECOVERED

Enter Your Choice : 4

	Country	Total Cases	...	Death Rate	Recovery Rate
0	USA	52510978	...	1.59	77.90
1	India	34765976	...	1.38	98.40
2	Brazil	22222928	...	2.78	96.36
3	UK	11647473	...	1.27	85.19
4	Russia	10318650	...	2.92	88.57
..	...	...	...	...	...
98	Zimbabwe	199404	...	2.42	74.06
77	Honduras	378994	...	2.75	32.66
100	China	100644	...	4.61	93.58
80	Norway	363554	...	0.35	24.47
92	Finland	227169	...	0.66	20.25

[101 rows x 11 columns]

! THANK-YOU FOR VISITING THE DATASET !

Process finished with exit code 0

First Input : 3

Second Input : 5

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

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- 1. Read complete csv file
- 2. Reading file without index

! DATA ANALYSIS !

- 3. Sorting data as per your choice
- 4. Read Top and Bottom Records as per your choice
- 5. Read file with specified columns

! DATA VISUALIZATION !

- 6. Line Chart
- 7. Bar Chart

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Enter your choice : 3

! COVID-19 OVERALL ANALYSIS !

>> To display record in Descending Order

Press 1 to arrange the record as per TOTAL CASES  
Press 2 to arrange the record as per TOTAL DEATHS  
Press 3 to arrange the record as per ACTIVE CASES  
Press 4 to arrange the record as per TOTAL RECOVERED

\*\*\*\*\*

>> To display record in Ascending Order

Press 5 to arrange the record as per TOTAL CASES  
Press 6 to arrange the record as per TOTAL DEATHS  
Press 7 to arrange the record as per ACTIVE CASES  
Press 8 to arrange the record as per TOTAL RECOVERED

Enter Your Choice : 5

	Country	Total Cases	...	Death Rate	Recovery Rate
100	China	108644	...	4.61	93.58
99	Uzbekistan	197753	...	0.74	98.42
98	Zimbabwe	199404	...	2.42	74.06
97	Botswana	204701	...	1.18	94.51
96	Albania	206616	...	1.54	95.96
..	...	...	...	...	...
4	Russia	10318650	...	2.92	88.57
3	UK	11647473	...	1.27	85.19
2	Brazil	22222928	...	2.78	96.36
1	India	34765976	...	1.38	98.40
0	USA	52510978	...	1.59	77.90

[101 rows x 11 columns]

! THANK-YOU FOR VISITING THE DATASET !

Process finished with exit code 0

First Input : 3

Second Input : 6

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

! READ DATA IN DIFFERENT WAYS !

- 1. Read complete csv file
- 2. Reading file without index

! DATA ANALYSIS !

- 3. Sorting data as per your choice
- 4. Read Top and Bottom Records as per your choice
- 5. Read file with specified columns

! DATA VISUALIZATION !

- 6. Line Chart
- 7. Bar Chart

=====

Enter your choice : 3

! COVID-19 OVERALL ANALYSIS !

>> To display record in Descending Order

Press 1 to arrange the record as per TOTAL CASES  
Press 2 to arrange the record as per TOTAL DEATHS  
Press 3 to arrange the record as per ACTIVE CASES  
Press 4 to arrange the record as per TOTAL RECOVERED

\*\*\*\*\*

>> To display record in Ascending Order

Press 5 to arrange the record as per TOTAL CASES  
Press 6 to arrange the record as per TOTAL DEATHS  
Press 7 to arrange the record as per ACTIVE CASES  
Press 8 to arrange the record as per TOTAL RECOVERED

Enter Your Choice : 6

	Country	Total Cases	...	Death Rate	Recovery Rate
43	Cuba	964317	...	0.86	99.09
82	Oman	304984	...	1.35	98.44
71	Kuwait	414413	...	0.60	99.22
84	Bahrain	278875	...	0.50	99.21
56	Guatemala	624544	...	2.58	97.27
...	...	...	...	...	...
7	Germany	6915353	...	1.59	86.66
4	Russia	10318650	...	2.92	88.57
6	France	8798028	...	1.39	86.97
3	UK	11647473	...	1.27	85.19
0	USA	52510978	...	1.59	77.90

[101 rows x 11 columns]

! THANK-YOU FOR VISITING THE DATASET !

Process finished with exit code 0

First Input : 3

Second Input : 7

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

! READ DATA IN DIFFERENT WAYS !

1. Read complete csv file
2. Reading file without index

! DATA ANALYSIS !

3. Sorting data as per your choice
4. Read Top and Bottom Records as per your choice
5. Read file with specified columns

! DATA VISUALIZATION !

6. Line Chart
7. Bar Chart

=====

Enter your choice : 3

! COVID-19 OVERALL ANALYSIS !

>> To display record in Descending Order

Press 1 to arrange the record as per TOTAL CASES  
Press 2 to arrange the record as per TOTAL DEATHS  
Press 3 to arrange the record as per ACTIVE CASES  
Press 4 to arrange the record as per TOTAL RECOVERED

\*\*\*\*\*

>> To display record in Ascending Order

Press 5 to arrange the record as per TOTAL CASES  
Press 6 to arrange the record as per TOTAL DEATHS  
Press 7 to arrange the record as per ACTIVE CASES  
Press 8 to arrange the record as per TOTAL RECOVERED

Enter Your Choice : 7

	Country	Total Cases	...	Death Rate	Recovery Rate
89	Qatar	247082	...	0.25	98.81
85	Singapore	276728	...	0.30	98.54
80	Norway	363554	...	0.35	24.47
84	Bahrain	278875	...	0.50	99.21
99	Uzbekistan	197753	...	0.74	98.42
..	...	...	...	...	...
15	Mexico	3940401	...	7.57	83.59
4	Russia	10318650	...	2.92	88.57
1	India	34765976	...	1.38	98.40
2	Brazil	22222928	...	2.78	96.36
0	USA	52510978	...	1.59	77.90

[101 rows x 11 columns]

! THANK-YOU FOR VISITING THE DATASET !

Process finished with exit code 0

First Input : 3

Second Input : 8

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

! READ DATA IN DIFFERENT WAYS !

1. Read complete csv file
2. Reading file without index

! DATA ANALYSIS !

3. Sorting data as per your choice
4. Read Top and Bottom Records as per your choice
5. Read file with specified columns

! DATA VISUALIZATION !

6. Line Chart
7. Bar Chart

=====

Enter your choice : 3

! COVID-19 OVERALL ANALYSIS !

>> To display record in Descending Order

Press 1 to arrange the record as per TOTAL CASES  
Press 2 to arrange the record as per TOTAL DEATHS  
Press 3 to arrange the record as per ACTIVE CASES  
Press 4 to arrange the record as per TOTAL RECOVERED

\*\*\*\*\*

>> To display record in Ascending Order

Press 5 to arrange the record as per TOTAL CASES  
Press 6 to arrange the record as per TOTAL DEATHS  
Press 7 to arrange the record as per ACTIVE CASES  
Press 8 to arrange the record as per TOTAL RECOVERED

Enter Your Choice : 8

	Country	Total Cases	...	Death Rate	Recovery Rate
92	Finland	227169	...	0.66	20.25
80	Norway	363554	...	0.35	24.47
100	China	100644	...	4.61	93.58
77	Honduras	378994	...	2.75	32.66
98	Zimbabwe	199404	...	2.42	74.06
..	...	...	...	...	...
4	Russia	10318650	...	2.92	88.57
3	UK	11647473	...	1.27	85.19
2	Brazil	22222928	...	2.78	96.36
1	India	34765976	...	1.38	98.40
0	USA	52510978	...	1.59	77.90

[101 rows x 11 columns]

! THANK-YOU FOR VISITING THE DATASET !

Process finished with exit code 0

First Input : 4

Second Input : 1

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

! READ DATA IN DIFFERENT WAYS !

1. Read complete csv file
2. Reading file without index

! DATA ANALYSIS !

3. Sorting data as per your choice
4. Read Top and Bottom Records as per your choice
5. Read file with specified columns

! DATA VISUALIZATION !

6. Line Chart
7. Bar Chart

=====

Enter your choice : 4

Press 1 to extract records from top  
Press 2 to extract records from bottom

Enter your choice : 1

Enter How Many Records You want To Display From Top : 6

	Country	Total Cases	Total Deaths	...	Vaccines Rate	Death Rate	Recovery Rate
0	USA	52510978	833029	...	144.44	1.59	77.90
1	India	34765976	478759	...	100.65	1.38	98.40
2	Brazil	22222928	618128	...	148.28	2.78	96.36
3	UK	11647473	147573	...	187.90	1.27	85.19
4	Russia	10318658	301271	...	96.00	2.92	88.57
5	Turkey	9228835	80957	...	147.10	0.88	95.99

[6 rows x 11 columns]

! THANK-YOU FOR VISITING THE DATASET !

Process finished with exit code 0

First Input : 4

Second Input : 2

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

! READ DATA IN DIFFERENT WAYS !

1. Read complete csv file
2. Reading file without index

! DATA ANALYSIS !

3. Sorting data as per your choice
4. Read Top and Bottom Records as per your choice
5. Read file with specified columns

! DATA VISUALIZATION !

6. Line Chart
7. Bar Chart

=====

Enter your choice : 4

Press 1 to extract records from top  
Press 2 to extract records from bottom

Enter your choice : 2

Enter How Many Records You want To Display From Bottom : 6

	Country	Total Cases	...	Death Rate	Recovery Rate
95	Algeria	215430	...	2.88	68.80
96	Albania	286616	...	1.54	95.96
97	Botswana	284701	...	1.18	94.51
98	Zimbabwe	199404	...	2.42	74.06
99	Uzbekistan	197753	...	0.74	98.42
100	China	188644	...	4.61	93.58

[6 rows x 11 columns]

! THANK-YOU FOR VISITING THE DATASET !

Process finished with exit code 0

First Input : 5

Second Input : 1

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

! READ DATA IN DIFFERENT WAYS !

1. Read complete csv file
2. Reading file without index

! DATA ANALYSIS !

3. Sorting data as per your choice
4. Read Top and Bottom Records as per your choice
5. Read file with specified columns

! DATA VISUALIZATION !

6. Line Chart
7. Bar Chart

=====

Enter your choice : 5

Press 1 to print COUNTRIES & VACCINATION RATE  
Press 2 to print COUNTRIES & DEATH RATE  
Press 3 to print COUNTRIES & RECOVERY RATE  
Press 4 to print INDIA's COVID ANALYSIS  
Press 5 to print COUNTRIES & ACTIVE CASES  
Press 6 to print COUNTRIES & TOTAL DEATHS  
Press 7 to print COUNTRIES & TOTAL TESTS  
Press 8 to print COUNTRIES HAVING 60% & ABOVE RECOVERY RATE

Enter your choice : 1

	Country	Vaccines Rate
0	USA	144.44
1	India	100.65
2	Brazil	148.28
3	UK	187.90
4	Russia	96.00
..	...	...
96	Albania	78.40
97	Botswana	48.62
98	Zimbabwe	47.18
99	Uzbekistan	100.00
100	China	181.72

[101 rows x 2 columns]

! THANK-YOU FOR VISITING THE DATASET !

Process finished with exit code 0

First Input : 5

Second Input : 2

```
***** WELCOME TO COVID-19 DATASET *****
```

```
-----  
! READ DATA IN DIFFERENT WAYS !  
-----
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1. Read complete csv file
2. Reading file without index

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-----  
! DATA ANALYSIS !  
-----
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3. Sorting data as per your choice
4. Read Top and Bottom Records as per your choice
5. Read file with specified columns

```
-----  
! DATA VISUALIZATION !  
-----
```

6. Line Chart
7. Bar Chart

```
=====
```

Enter your choice : 5

```
Press 1 to print COUNTRIES & VACCINATION RATE  
Press 2 to print COUNTRIES & DEATH RATE  
Press 3 to print COUNTRIES & RECOVERY RATE  
Press 4 to print INDIA's COVID ANALYSIS  
Press 5 to print COUNTRIES & ACTIVE CASES  
Press 6 to print COUNTRIES & TOTAL DEATHS  
Press 7 to print COUNTRIES & TOTAL TESTS  
Press 8 to print COUNTRIES HAVING 60% & ABOVE RECOVERY RATE
```

Enter your choice : 2

	Country	Death Rate
0	USA	1.59
1	India	1.38
2	Brazil	2.78
3	UK	1.27
4	Russia	2.92
..	...	...
96	Albania	1.54
97	Botswana	1.18
98	Zimbabwe	2.42
99	Uzbekistan	0.74
100	China	4.61

[101 rows x 2 columns]

```
-----  
! THANK-YOU FOR VISITING THE DATASET !  
-----
```

Process finished with exit code 0

First Input : 5

Second Input : 3

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

! READ DATA IN DIFFERENT WAYS !

1. Read complete csv file
2. Reading file without index

! DATA ANALYSIS !

3. Sorting data as per your choice
4. Read Top and Bottom Records as per your choice
5. Read file with specified columns

! DATA VISUALIZATION !

6. Line Chart
7. Bar Chart

=====

Enter your choice : 5

Press 1 to print COUNTRIES & VACCINATION RATE  
Press 2 to print COUNTRIES & DEATH RATE  
Press 3 to print COUNTRIES & RECOVERY RATE  
Press 4 to print INDIA's COVID ANALYSIS  
Press 5 to print COUNTRIES & ACTIVE CASES  
Press 6 to print COUNTRIES & TOTAL DEATHS  
Press 7 to print COUNTRIES & TOTAL TESTS  
Press 8 to print COUNTRIES HAVING 60% & ABOVE RECOVERY RATE

Enter your choice : 3

	Country	Recovery Rate
0	USA	77.90
1	India	98.40
2	Brazil	96.36
3	UK	85.19
4	Russia	88.57
..	...	...
96	Albania	95.96
97	Botswana	94.51
98	Zimbabwe	74.06
99	Uzbekistan	98.42
100	China	93.58

[101 rows x 2 columns]

! THANK-YOU FOR VISITING THE DATASET !

Process finished with exit code 0

First Input : 5

Second Input : 4

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

! READ DATA IN DIFFERENT WAYS !

1. Read complete csv file
2. Reading file without index

! DATA ANALYSIS !

3. Sorting data as per your choice
4. Read Top and Bottom Records as per your choice
5. Read file with specified columns

! DATA VISUALIZATION !

6. Line Chart
7. Bar Chart

=====

Enter your choice : 5

Press 1 to print COUNTRIES & VACCINATION RATE  
Press 2 to print COUNTRIES & DEATH RATE  
Press 3 to print COUNTRIES & RECOVERY RATE  
Press 4 to print INDIA's COVID ANALYSIS  
Press 5 to print COUNTRIES & ACTIVE CASES  
Press 6 to print COUNTRIES & TOTAL DEATHS  
Press 7 to print COUNTRIES & TOTAL TESTS  
Press 8 to print COUNTRIES HAVING 60% & ABOVE RECOVERY RATE

Enter your choice : 4

Country	India
Total Cases	34765976
Total Deaths	478759
Total Recovered	34208926
Active Cases	78291
Total Tests	668643929
Population	1,399,976,270
Continent	Asia
Vaccines Rate	100.65
Death Rate	1.38
Recovery Rate	98.4

Name: 1, dtype: object

! THANK-YOU FOR VISITING THE DATASET !

Process finished with exit code 0

First Input : 5

Second Input : 5

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

! READ DATA IN DIFFERENT WAYS !

1. Read complete csv file
2. Reading file without index

! DATA ANALYSIS !

3. Sorting data as per your choice
4. Read Top and Bottom Records as per your choice
5. Read file with specified columns

! DATA VISUALIZATION !

6. Line Chart
7. Bar Chart

=====

Enter your choice : 5

Press 1 to print COUNTRIES & VACCINATION RATE  
Press 2 to print COUNTRIES & DEATH RATE  
Press 3 to print COUNTRIES & RECOVERY RATE  
Press 4 to print INDIA's COVID ANALYSIS  
Press 5 to print COUNTRIES & ACTIVE CASES  
Press 6 to print COUNTRIES & TOTAL DEATHS  
Press 7 to print COUNTRIES & TOTAL TESTS  
Press 8 to print COUNTRIES HAVING 60% & ABOVE RECOVERY RATE

Enter your choice : 5

	Country	Active Cases
0	USA	18769803
1	India	78291
2	Brazil	190482
3	UK	1577420
4	Russia	878213
..	...	...
96	Albania	5173
97	Botswana	8822
98	Zimbabwe	46907
99	Uzbekistan	1647
100	China	1823

[101 rows x 2 columns]

! THANK-YOU FOR VISITING THE DATASET !

Process finished with exit code 0

First Input : 5

Second Input : 6

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

! READ DATA IN DIFFERENT WAYS !

- 1. Read complete csv file
- 2. Reading file without index

! DATA ANALYSIS !

- 3. Sorting data as per your choice
- 4. Read Top and Bottom Records as per your choice
- 5. Read file with specified columns

! DATA VISUALIZATION !

- 6. Line Chart
- 7. Bar Chart

=====

Enter your choice : 5

Press 1 to print COUNTRIES & VACCINATION RATE  
Press 2 to print COUNTRIES & DEATH RATE  
Press 3 to print COUNTRIES & RECOVERY RATE  
Press 4 to print INDIA's COVID ANALYSIS  
Press 5 to print COUNTRIES & ACTIVE CASES  
Press 6 to print COUNTRIES & TOTAL DEATHS  
Press 7 to print COUNTRIES & TOTAL TESTS  
Press 8 to print COUNTRIES HAVING 60% & ABOVE RECOVERY RATE

Enter your choice : 6

	Country	Total Deaths
0	USA	833829
1	India	478759
2	Brazil	618128
3	UK	147573
4	Russia	301271
..	...	...
96	Albania	3180
97	Botswana	2425
98	Zimbabwe	4828
99	Uzbekistan	1471
100	China	4636

[101 rows x 2 columns]

! THANK-YOU FOR VISITING THE DATASET !

Process finished with exit code 0

First Input : 5

Second Input : 7

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

! READ DATA IN DIFFERENT WAYS !

1. Read complete csv file
2. Reading file without index

! DATA ANALYSIS !

3. Sorting data as per your choice
4. Read Top and Bottom Records as per your choice
5. Read file with specified columns

! DATA VISUALIZATION !

6. Line Chart
7. Bar Chart

=====

Enter your choice : 5

Press 1 to print COUNTRIES & VACCINATION RATE  
Press 2 to print COUNTRIES & DEATH RATE  
Press 3 to print COUNTRIES & RECOVERY RATE  
Press 4 to print INDIA's COVID ANALYSIS  
Press 5 to print COUNTRIES & ACTIVE CASES  
Press 6 to print COUNTRIES & TOTAL DEATHS  
Press 7 to print COUNTRIES & TOTAL TESTS  
Press 8 to print COUNTRIES HAVING 60% & ABOVE RECOVERY RATE

Enter your choice : 7

	Country	Total Tests
0	USA	795166534
1	India	668643929
2	Brazil	63776166
3	UK	392136238
4	Russia	236880000
..	...	...
96	Albania	1448218
97	Botswana	1985958
98	Zimbabwe	1797506
99	Uzbekistan	1377915
100	China	160000000

[101 rows x 2 columns]

! THANK-YOU FOR VISITING THE DATASET !

Process finished with exit code 0

First Input : 5

Second Input : 8

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

! READ DATA IN DIFFERENT WAYS !

- 1. Read complete csv file
- 2. Reading file without index

! DATA ANALYSIS !

- 3. Sorting data as per your choice
- 4. Read Top and Bottom Records as per your choice
- 5. Read file with specified columns

! DATA VISUALIZATION !

- 6. Line Chart
- 7. Bar Chart

=====

Enter your choice : 5

Press 1 to print COUNTRIES & VACCINATION RATE

Press 2 to print COUNTRIES & DEATH RATE

Press 3 to print COUNTRIES & RECOVERY RATE

Press 4 to print INDIA's COVID ANALYSIS

Press 5 to print COUNTRIES & ACTIVE CASES

Press 6 to print COUNTRIES & TOTAL DEATHS

Press 7 to print COUNTRIES & TOTAL TESTS

Press 8 to print COUNTRIES HAVING 60% & ABOVE RECOVERY RATE

Enter your choice : 8

	Country	Total Cases	...	Death Rate	Recovery Rate
0	USA	52510978	...	1.59	77.90
1	India	34765976	...	1.38	98.40
2	Brazil	22222928	...	2.78	96.36
3	UK	11647473	...	1.27	85.19
4	Russia	10318650	...	2.92	88.57
..	...	...	...	...	...
96	Albania	286616	...	1.54	95.96
97	Botswana	284781	...	1.18	94.51
98	Zimbabwe	199404	...	2.42	74.06
99	Uzbekistan	197753	...	0.74	98.42
100	China	188644	...	4.61	93.58

[98 rows x 11 columns]

! THANK-YOU FOR VISITING THE DATASET !

Process finished with exit code 0

First Input : 6

Second Input : 1

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

-----  
! READ DATA IN DIFFERENT WAYS !  
-----

1. Read complete csv file
2. Reading file without index

-----  
! DATA ANALYSIS !  
-----

3. Sorting data as per your choice
4. Read Top and Bottom Records as per your choice
5. Read file with specified columns

-----  
! DATA VISUALIZATION !  
-----

6. Line Chart
7. Bar Chart

=====

Enter your choice : 6

Select Specific LINE CHART as given below :-

- Press 1 to print COUNTRY vs TOTAL CASES
- Press 2 to print COUNTRY vs TOTAL RECOVERED
- Press 3 to print COUNTRY vs ACTIVE CASES
- Press 4 to print COUNTRY vs TOTAL TESTS
- Press 5 to print COUNTRY vs VACCINE RATE
- Press 6 to print COUNTRY vs DEATH RATE
- Press 7 to print COUNTRY vs RECOVERY RATE

Enter your choice : 1

-----  
! THANK-YOU FOR VISITING THE DATASET !  
-----

Process finished with exit code 0

First Input : 6

Second Input : 2

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

-----  
! READ DATA IN DIFFERENT WAYS !  
-----

1. Read complete csv file
2. Reading file without index

-----  
! DATA ANALYSIS !  
-----

3. Sorting data as per your choice
4. Read Top and Bottom Records as per your choice
5. Read file with specified columns

-----  
! DATA VISUALIZATION !  
-----

6. Line Chart
7. Bar Chart

=====

Enter your choice : 6

Select Specific LINE CHART as given below :-

- Press 1 to print COUNTRY vs TOTAL CASES  
Press 2 to print COUNTRY vs TOTAL RECOVERED  
Press 3 to print COUNTRY vs ACTIVE CASES  
Press 4 to print COUNTRY vs TOTAL TESTS  
Press 5 to print COUNTRY vs VACCINE RATE  
Press 6 to print COUNTRY vs DEATH RATE  
Press 7 to print COUNTRY vs RECOVERY RATE

Enter your choice : 2

-----  
! THANK-YOU FOR VISITING THE DATASET !  
-----

Process finished with exit code 0

First Input : 6

Second Input : 3

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

-----  
! READ DATA IN DIFFERENT WAYS !  
-----

1. Read complete csv file
2. Reading file without index

-----  
! DATA ANALYSIS !  
-----

3. Sorting data as per your choice
4. Read Top and Bottom Records as per your choice
5. Read file with specified columns

-----  
! DATA VISUALIZATION !  
-----

6. Line Chart
7. Bar Chart

=====

Enter your choice : 6

Select Specific LINE CHART as given below :-

- Press 1 to print COUNTRY vs TOTAL CASES  
Press 2 to print COUNTRY vs TOTAL RECOVERED  
Press 3 to print COUNTRY vs ACTIVE CASES  
Press 4 to print COUNTRY vs TOTAL TESTS  
Press 5 to print COUNTRY vs VACCINE RATE  
Press 6 to print COUNTRY vs DEATH RATE  
Press 7 to print COUNTRY vs RECOVERY RATE

Enter your choice : 3

-----  
! THANK-YOU FOR VISITING THE DATASET !  
-----

Process finished with exit code 0

First Input : 6

Second Input : 4

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

-----  
! READ DATA IN DIFFERENT WAYS !  
-----

1. Read complete csv file
2. Reading file without index

-----  
! DATA ANALYSIS !  
-----

3. Sorting data as per your choice
4. Read Top and Bottom Records as per your choice
5. Read file with specified columns

-----  
! DATA VISUALIZATION !  
-----

6. Line Chart
7. Bar Chart

=====

Enter your choice : 6

Select Specific LINE CHART as given below :-

- Press 1 to print COUNTRY vs TOTAL CASES  
Press 2 to print COUNTRY vs TOTAL RECOVERED  
Press 3 to print COUNTRY vs ACTIVE CASES  
Press 4 to print COUNTRY vs TOTAL TESTS  
Press 5 to print COUNTRY vs VACCINE RATE  
Press 6 to print COUNTRY vs DEATH RATE  
Press 7 to print COUNTRY vs RECOVERY RATE

Enter your choice : 4

-----  
! THANK-YOU FOR VISITING THE DATASET !  
-----

Process finished with exit code 0

First Input : 6

Second Input : 5

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

-----  
! READ DATA IN DIFFERENT WAYS !  
-----

1. Read complete csv file
2. Reading file without index

-----  
! DATA ANALYSIS !  
-----

3. Sorting data as per your choice
4. Read Top and Bottom Records as per your choice
5. Read file with specified columns

-----  
! DATA VISUALIZATION !  
-----

6. Line Chart
7. Bar Chart

=====

Enter your choice : 6

Select Specific LINE CHART as given below :-

- Press 1 to print COUNTRY vs TOTAL CASES  
Press 2 to print COUNTRY vs TOTAL RECOVERED  
Press 3 to print COUNTRY vs ACTIVE CASES  
Press 4 to print COUNTRY vs TOTAL TESTS  
Press 5 to print COUNTRY vs VACCINE RATE  
Press 6 to print COUNTRY vs DEATH RATE  
Press 7 to print COUNTRY vs RECOVERY RATE

Enter your choice : 5

-----  
! THANK-YOU FOR VISITING THE DATASET !  
-----

Process finished with exit code 0

First Input : 6

Second Input : 6

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

-----  
! READ DATA IN DIFFERENT WAYS !  
-----

1. Read complete csv file
2. Reading file without index

-----  
! DATA ANALYSIS !  
-----

3. Sorting data as per your choice
4. Read Top and Bottom Records as per your choice
5. Read file with specified columns

-----  
! DATA VISUALIZATION !  
-----

6. Line Chart
7. Bar Chart

=====

Enter your choice : 6

Select Specific LINE CHART as given below :-

- Press 1 to print COUNTRY vs TOTAL CASES  
Press 2 to print COUNTRY vs TOTAL RECOVERED  
Press 3 to print COUNTRY vs ACTIVE CASES  
Press 4 to print COUNTRY vs TOTAL TESTS  
Press 5 to print COUNTRY vs VACCINE RATE  
Press 6 to print COUNTRY vs DEATH RATE  
Press 7 to print COUNTRY vs RECOVERY RATE

Enter your choice : 6

-----  
! THANK-YOU FOR VISITING THE DATASET !  
-----

Process finished with exit code 0

First Input : 6

Second Input : 7

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

-----  
! READ DATA IN DIFFERENT WAYS !  
-----

1. Read complete csv file
2. Reading file without index

-----  
! DATA ANALYSIS !  
-----

3. Sorting data as per your choice
4. Read Top and Bottom Records as per your choice
5. Read file with specified columns

-----  
! DATA VISUALIZATION !  
-----

6. Line Chart
7. Bar Chart

=====

Enter your choice : 6

Select Specific LINE CHART as given below :-

- Press 1 to print COUNTRY vs TOTAL CASES
- Press 2 to print COUNTRY vs TOTAL RECOVERED
- Press 3 to print COUNTRY vs ACTIVE CASES
- Press 4 to print COUNTRY vs TOTAL TESTS
- Press 5 to print COUNTRY vs VACCINE RATE
- Press 6 to print COUNTRY vs DEATH RATE
- Press 7 to print COUNTRY vs RECOVERY RATE

Enter your choice : 7

-----  
! THANK-YOU FOR VISITING THE DATASET !  
-----

Process finished with exit code 0

First Input : 7

Second Input : 1

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

-----  
! READ DATA IN DIFFERENT WAYS !  
-----

1. Read complete csv file
2. Reading file without index

-----  
! DATA ANALYSIS !  
-----

3. Sorting data as per your choice
4. Read Top and Bottom Records as per your choice
5. Read file with specified columns

-----  
! DATA VISUALIZATION !  
-----

6. Line Chart
7. Bar Chart

=====

Enter your choice : 7

Select Specific BAR CHART as given below :-

- Press 1 to print COUNTRY vs TOTAL CASES
- Press 2 to print COUNTRY vs TOTAL RECOVERED
- Press 3 to print COUNTRY vs ACTIVE CASES
- Press 4 to print RECOVERY RATE vs DEATH RATE
- Press 5 to print COUNTRY vs VACCINE RATE
- Press 6 to print COUNTRY vs DEATH RATE
- Press 7 to print COUNTRY vs RECOVERY RATE

Enter your choice : 1

-----  
! THANK-YOU FOR VISITING THE DATASET !  
-----

Process finished with exit code 0

First Input : 7

Second Input : 2

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

-----  
! READ DATA IN DIFFERENT WAYS !  
-----

1. Read complete csv file
2. Reading file without index

-----  
! DATA ANALYSIS !  
-----

3. Sorting data as per your choice
4. Read Top and Bottom Records as per your choice
5. Read file with specified columns

-----  
! DATA VISUALIZATION !  
-----

6. Line Chart
7. Bar Chart

=====

Enter your choice : 7

Select Specific BAR CHART as given below :-

- Press 1 to print COUNTRY vs TOTAL CASES  
Press 2 to print COUNTRY vs TOTAL RECOVERED  
Press 3 to print COUNTRY vs ACTIVE CASES  
Press 4 to print RECOVERY RATE vs DEATH RATE  
Press 5 to print COUNTRY vs VACCINE RATE  
Press 6 to print COUNTRY vs DEATH RATE  
Press 7 to print COUNTRY vs RECOVERY RATE

Enter your choice : 2

-----  
! THANK-YOU FOR VISITING THE DATASET !  
-----

Process finished with exit code 0

First Input : 7

Second Input : 3

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

-----  
! READ DATA IN DIFFERENT WAYS !  
-----

1. Read complete csv file
2. Reading file without index

-----  
! DATA ANALYSIS !  
-----

3. Sorting data as per your choice
4. Read Top and Bottom Records as per your choice
5. Read file with specified columns

-----  
! DATA VISUALIZATION !  
-----

6. Line Chart
7. Bar Chart

=====

Enter your choice : 7

Select Specific BAR CHART as given below :-

- Press 1 to print COUNTRY vs TOTAL CASES
- Press 2 to print COUNTRY vs TOTAL RECOVERED
- Press 3 to print COUNTRY vs ACTIVE CASES
- Press 4 to print RECOVERY RATE vs DEATH RATE
- Press 5 to print COUNTRY vs VACCINE RATE
- Press 6 to print COUNTRY vs DEATH RATE
- Press 7 to print COUNTRY vs RECOVERY RATE

Enter your choice : 3

-----  
! THANK-YOU FOR VISITING THE DATASET !  
-----

Process finished with exit code 0

First Input : 7

Second Input : 4

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

-----  
! READ DATA IN DIFFERENT WAYS !  
-----

1. Read complete csv file
2. Reading file without index

-----  
! DATA ANALYSIS !  
-----

3. Sorting data as per your choice
4. Read Top and Bottom Records as per your choice
5. Read file with specified columns

-----  
! DATA VISUALIZATION !  
-----

6. Line Chart
7. Bar Chart

=====

Enter your choice : 7

Select Specific BAR CHART as given below :-

- Press 1 to print COUNTRY vs TOTAL CASES  
Press 2 to print COUNTRY vs TOTAL RECOVERED  
Press 3 to print COUNTRY vs ACTIVE CASES  
Press 4 to print RECOVERY RATE vs DEATH RATE  
Press 5 to print COUNTRY vs VACCINE RATE  
Press 6 to print COUNTRY vs DEATH RATE  
Press 7 to print COUNTRY vs RECOVERY RATE

Enter your choice : 4

-----  
! THANK-YOU FOR VISITING THE DATASET !  
-----

Process finished with exit code 0

First Input : 7

Second Input : 5

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

-----  
! READ DATA IN DIFFERENT WAYS !  
-----

1. Read complete csv file
2. Reading file without index

-----  
! DATA ANALYSIS !  
-----

3. Sorting data as per your choice
4. Read Top and Bottom Records as per your choice
5. Read file with specified columns

-----  
! DATA VISUALIZATION !  
-----

6. Line Chart
7. Bar Chart

=====

Enter your choice : 7

Select Specific BAR CHART as given below :-

- Press 1 to print COUNTRY vs TOTAL CASES  
Press 2 to print COUNTRY vs TOTAL RECOVERED  
Press 3 to print COUNTRY vs ACTIVE CASES  
Press 4 to print RECOVERY RATE vs DEATH RATE  
Press 5 to print COUNTRY vs VACCINE RATE  
Press 6 to print COUNTRY vs DEATH RATE  
Press 7 to print COUNTRY vs RECOVERY RATE

Enter your choice : 5

-----  
! THANK-YOU FOR VISITING THE DATASET !  
-----

Process finished with exit code 0

First Input : 7

Second Input : 6

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

-----  
! READ DATA IN DIFFERENT WAYS !  
-----

1. Read complete csv file
2. Reading file without index

-----  
! DATA ANALYSIS !  
-----

3. Sorting data as per your choice
4. Read Top and Bottom Records as per your choice
5. Read file with specified columns

-----  
! DATA VISUALIZATION !  
-----

6. Line Chart
7. Bar Chart

=====

Enter your choice : 7

Select Specific BAR CHART as given below :-

- Press 1 to print COUNTRY vs TOTAL CASES
- Press 2 to print COUNTRY vs TOTAL RECOVERED
- Press 3 to print COUNTRY vs ACTIVE CASES
- Press 4 to print RECOVERY RATE vs DEATH RATE
- Press 5 to print COUNTRY vs VACCINE RATE
- Press 6 to print COUNTRY vs DEATH RATE
- Press 7 to print COUNTRY vs RECOVERY RATE

Enter your choice : 6

-----  
! THANK-YOU FOR VISITING THE DATASET !  
-----

Process finished with exit code 0

First Input : 7

Second Input : 7

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

-----  
! READ DATA IN DIFFERENT WAYS !  
-----

1. Read complete csv file
2. Reading file without index

-----  
! DATA ANALYSIS !  
-----

3. Sorting data as per your choice
4. Read Top and Bottom Records as per your choice
5. Read file with specified columns

-----  
! DATA VISUALIZATION !  
-----

6. Line Chart
7. Bar Chart

=====

Enter your choice : 7

Select Specific BAR CHART as given below :-

- Press 1 to print COUNTRY vs TOTAL CASES
- Press 2 to print COUNTRY vs TOTAL RECOVERED
- Press 3 to print COUNTRY vs ACTIVE CASES
- Press 4 to print RECOVERY RATE vs DEATH RATE
- Press 5 to print COUNTRY vs VACCINE RATE
- Press 6 to print COUNTRY vs DEATH RATE
- Press 7 to print COUNTRY vs RECOVERY RATE

Enter your choice : 7

-----  
! THANK-YOU FOR VISITING THE DATASET !  
-----

Process finished with exit code 0

Input : 8

\*\*\*\*\* WELCOME TO COVID-19 DATASET \*\*\*\*\*

-----  
! READ DATA IN DIFFERENT WAYS !  
-----

1. Read complete csv file
  2. Reading file without index
- 

! DATA ANALYSIS !

- 
3. Sorting data as per your choice
  4. Read Top and Bottom Records as per your choice
  5. Read file with specified columns
- 

! DATA VISUALIZATION !

- 
6. Line Chart
  7. Bar Chart
- =====

Enter your choice : 8

##### Enter a valid input #####

-----  
! THANK-YOU FOR VISITING THE DATASET !  
-----

Process finished with exit code 0