- Total Confirmed Cases: Calculates the total number of confirmed Covid-19 cases.

  `Total Confirmed Cases = sum('Cases'[Confirmed])`

  The outcome of this query is:

- Total Deaths: Calculates the total number of deaths due to Covid-19.

  `Total Deaths = sum('Cases'[Deaths])`

  The outcome of this query is:

- Total Recovered Cases: Calculates the total number of recovered Covid-19 cases.
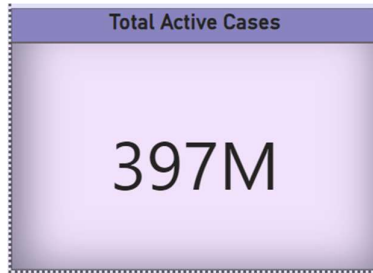
  `Total Recovered Cases = sum('Cases'[Recovered])`

  The outcome of this query is:

- Active Cases: Calculates the current active cases by deducting deaths and recovered cases from the total confirmed cases.

  `Total Active Cases = [Total Confirmed Cases]-([Total Recovered Cases]+[Total Deaths])`

  The outcome of this query is:

Total Active Cases

397M

- Check whether the Active cases count is exactly the same as sum of Active cases column

```
Sum of active cases is equal to total active cases.
```

Active Cases DAX Function Check

Sum of Active	Total Active Cases
396714701	396714701

- Mortality Rate (%): Calculates the percentage of deaths out of total confirmed cases.

```
Mortality Rate = CONCATENATE(round(DIVIDE([Total Deaths],[Total Confirmed
Cases]),2),"%")
The outcome of this query is:
```

Mortality Rate

0.05%
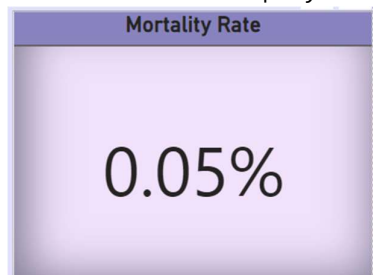
- Recovery Rate (%): Calculates the percentage of recovered cases out of total confirmed cases.

```
Recovery Rate = CONCATENATE(Round(DIVIDE('Cases'[Total Recovered Cases],[Total
Confirmed Cases]),2),"%")
The outcome of this query is:
```

Recovery Rate

0.47%

- Daily New Cases: Identifies the number of new confirmed cases for each day.(create a table using summarize)

```
Daily Cases = SUMMARIZE(Timeline,Timeline[Date].[Date],"New Confirmed
Cases",sum('Cases'[Confirmed]))
```

The preview of the table created is:

Date	New Confirmed Cases
22 January 2020	528
23 January 2020	598
24 January 2020	877
25 January 2020	1405
26 January 2020	2040
27 January 2020	2908
28 January 2020	5536
29 January 2020	6164
30 January 2020	8233
31 January 2020	9927
01 February 2020	12038
02 February 2020	16785
03 February 2020	19854
04 February 2020	23898
05 February 2020	27643
06 February 2020	30798
07 February 2020	34334
08 February 2020	37068
09 February 2020	40095
10 February 2020	42633
11 February 2020	44675