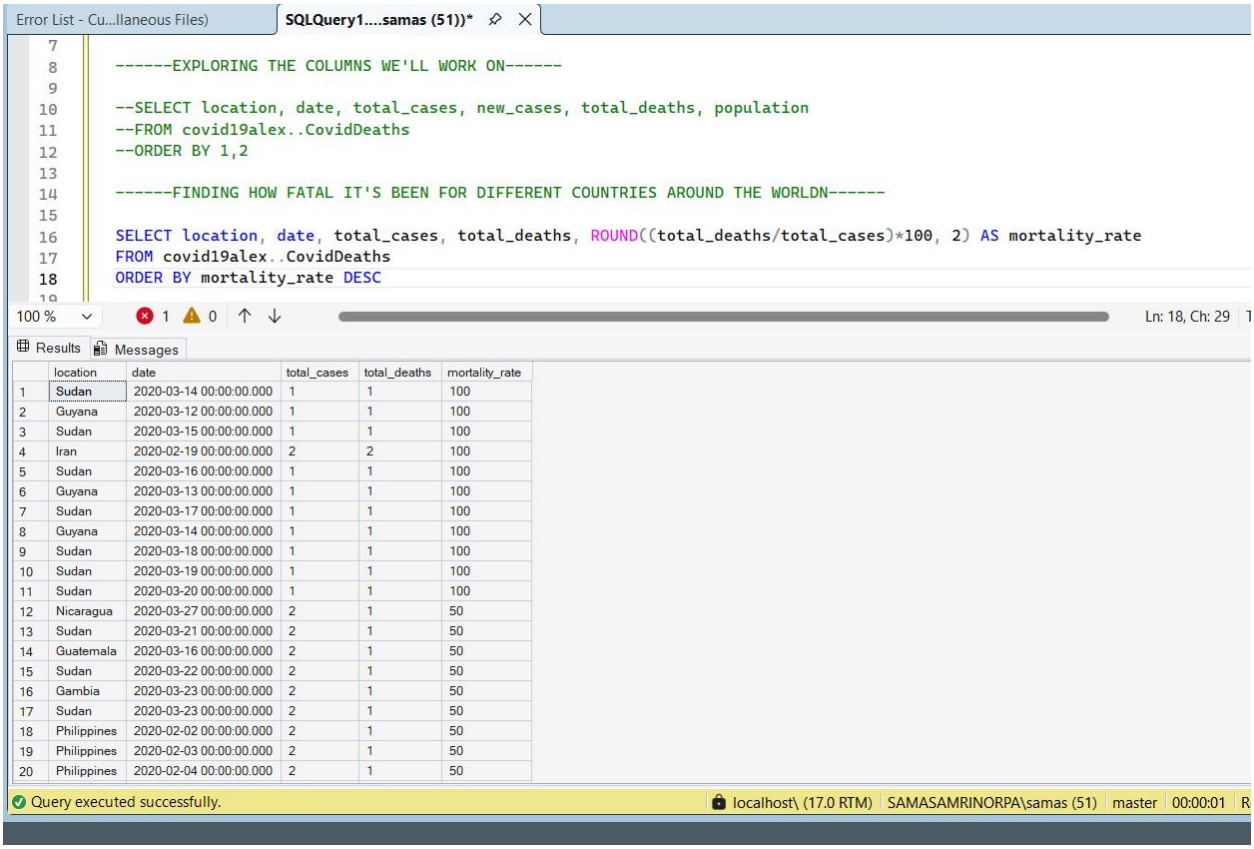
Which countries had the peak mortality rate during Covid19?

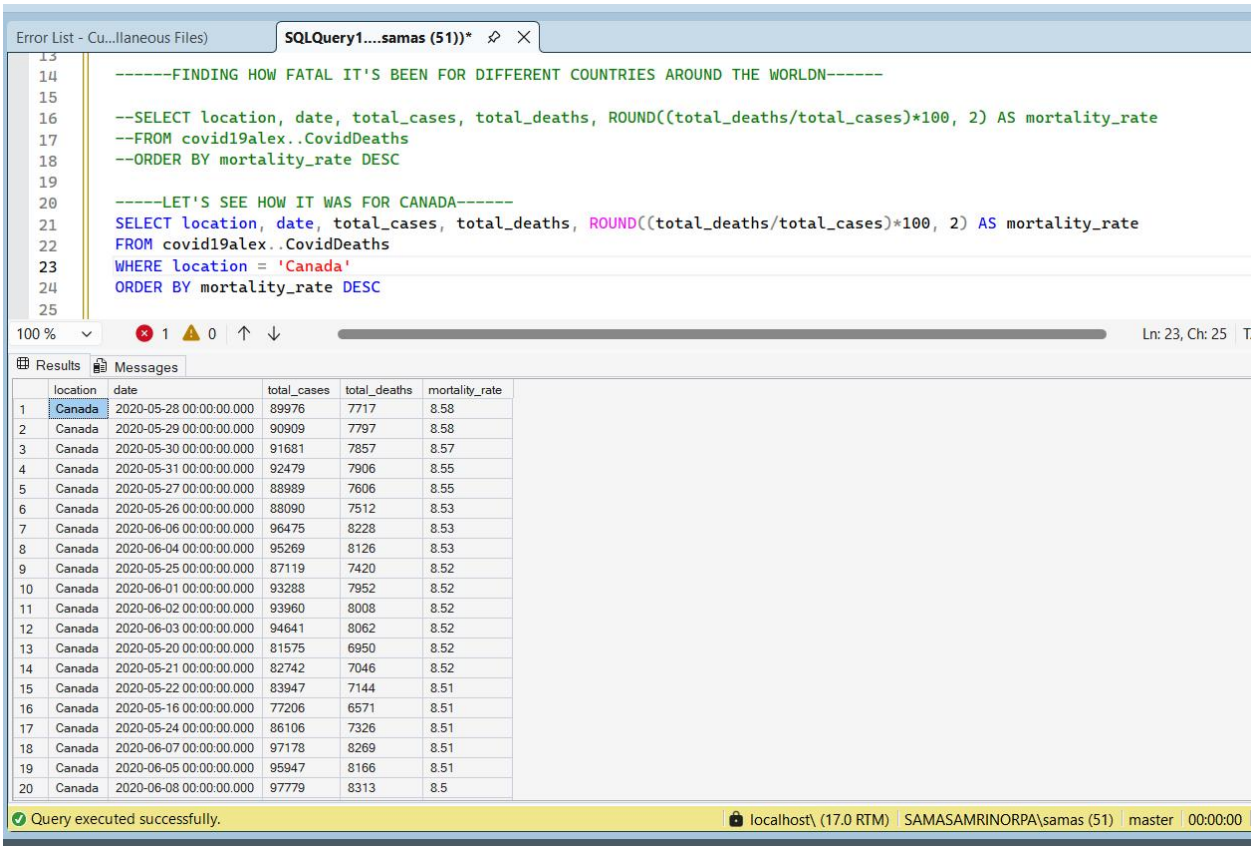


```
------EXPLORING THE COLUMNS WE'LL WORK ON------

--SELECT location, date, total_cases, new_cases, total_deaths, population
--FROM covid19alex..CovidDeaths
--ORDER BY 1,2

------FINDING HOW FATAL IT'S BEEN FOR DIFFERENT COUNTRIES AROUND THE WORLDN------

SELECT location, date, total_cases, total_deaths, ROUND((total_deaths/total_cases)*100, 2) AS mortality_rate
FROM covid19alex..CovidDeaths
ORDER BY mortality_rate DESC
```

	location	date	total_cases	total_deaths	mortality_rate
1	Sudan	2020-03-14 00:00:00.000	1	1	100
2	Guyana	2020-03-12 00:00:00.000	1	1	100
3	Sudan	2020-03-15 00:00:00.000	1	1	100
4	Iran	2020-02-19 00:00:00.000	2	2	100
5	Sudan	2020-03-16 00:00:00.000	1	1	100
6	Guyana	2020-03-13 00:00:00.000	1	1	100
7	Sudan	2020-03-17 00:00:00.000	1	1	100
8	Guyana	2020-03-14 00:00:00.000	1	1	100
9	Sudan	2020-03-18 00:00:00.000	1	1	100
10	Sudan	2020-03-19 00:00:00.000	1	1	100
11	Sudan	2020-03-20 00:00:00.000	1	1	100
12	Nicaragua	2020-03-27 00:00:00.000	2	1	50
13	Sudan	2020-03-21 00:00:00.000	2	1	50
14	Guatemala	2020-03-16 00:00:00.000	2	1	50
15	Sudan	2020-03-22 00:00:00.000	2	1	50
16	Gambia	2020-03-23 00:00:00.000	2	1	50
17	Sudan	2020-03-23 00:00:00.000	2	1	50
18	Philippines	2020-02-02 00:00:00.000	2	1	50
19	Philippines	2020-02-03 00:00:00.000	2	1	50
20	Philippines	2020-02-04 00:00:00.000	2	1	50

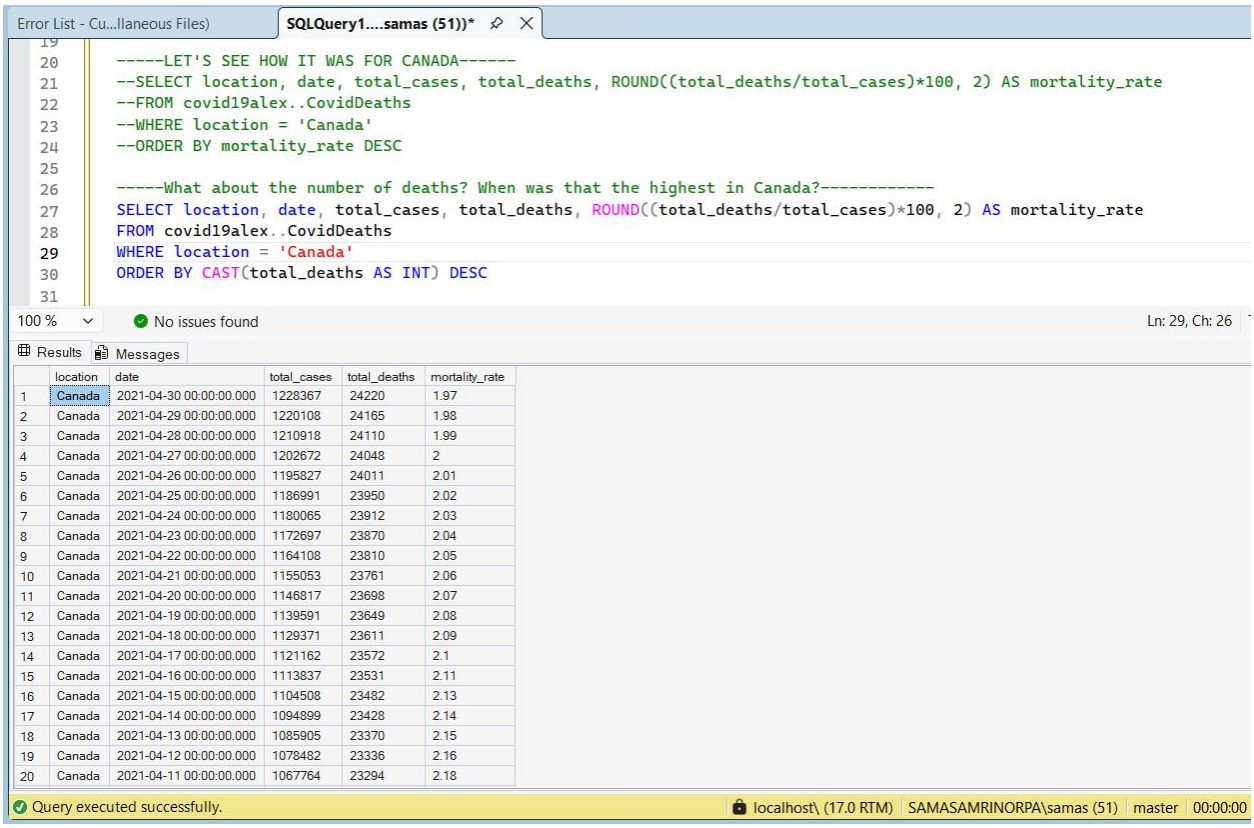
From the query results, we can see that countries like Sudan, Guyana, Iran, Nicaragua, Guatemala, Gambia, and Philippines were suffering the most from the highest mortality rates (50-100%) during the February-March period of 2020.

What about Canada? How was it doing in terms of mortality rate from Covid19?



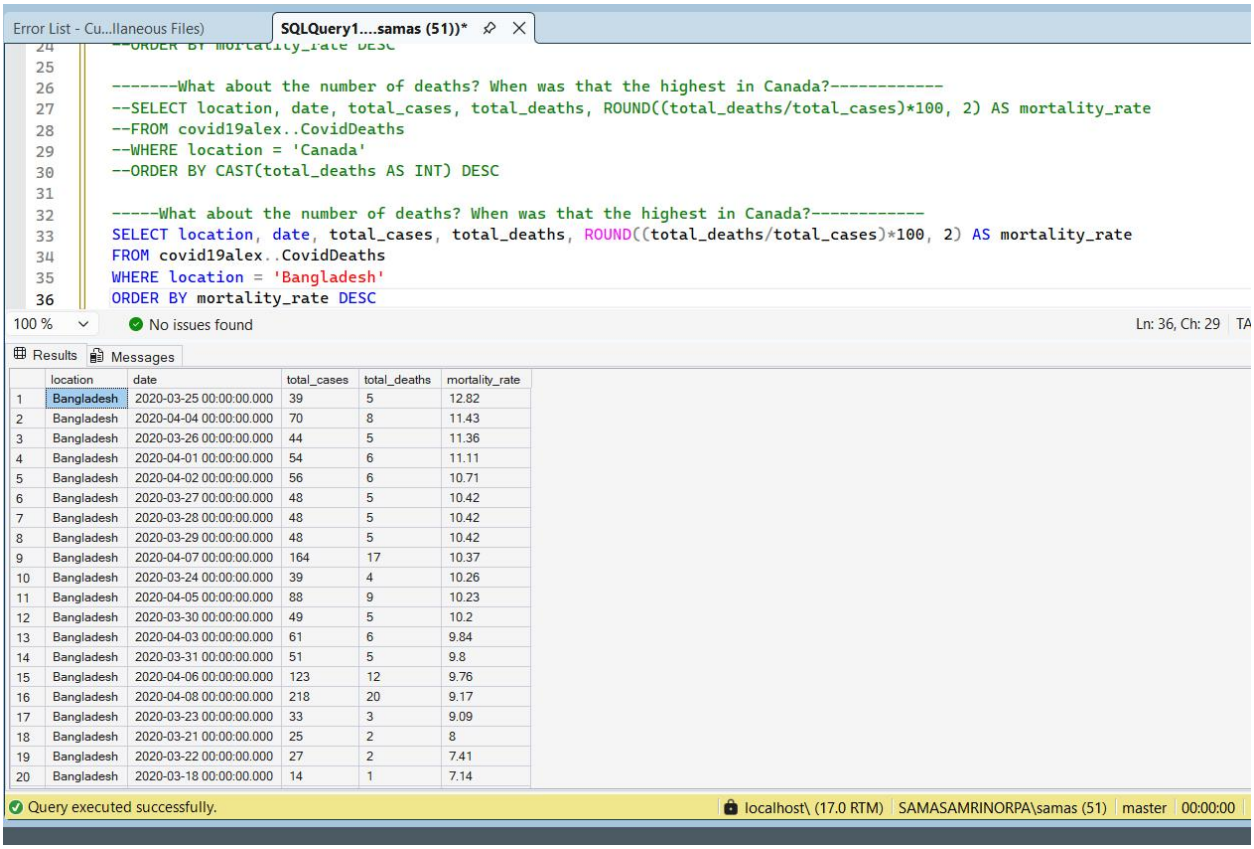
So, interestingly, the worst Canada had was in the May-June period where its highest mortality rate from Covid was around 8.5%. Still not as bad as it was for some other countries round the world, thankfully.

But when was the highest number of deaths?



Surprisingly, the most deaths it saw was in April of next year (2021). Even though the death percentage was around only 2%, over 23 thousand people died per day! We had to convert the 'total_deaths' column into INT here since its original data type was set as STRING, leading to erroneous results.

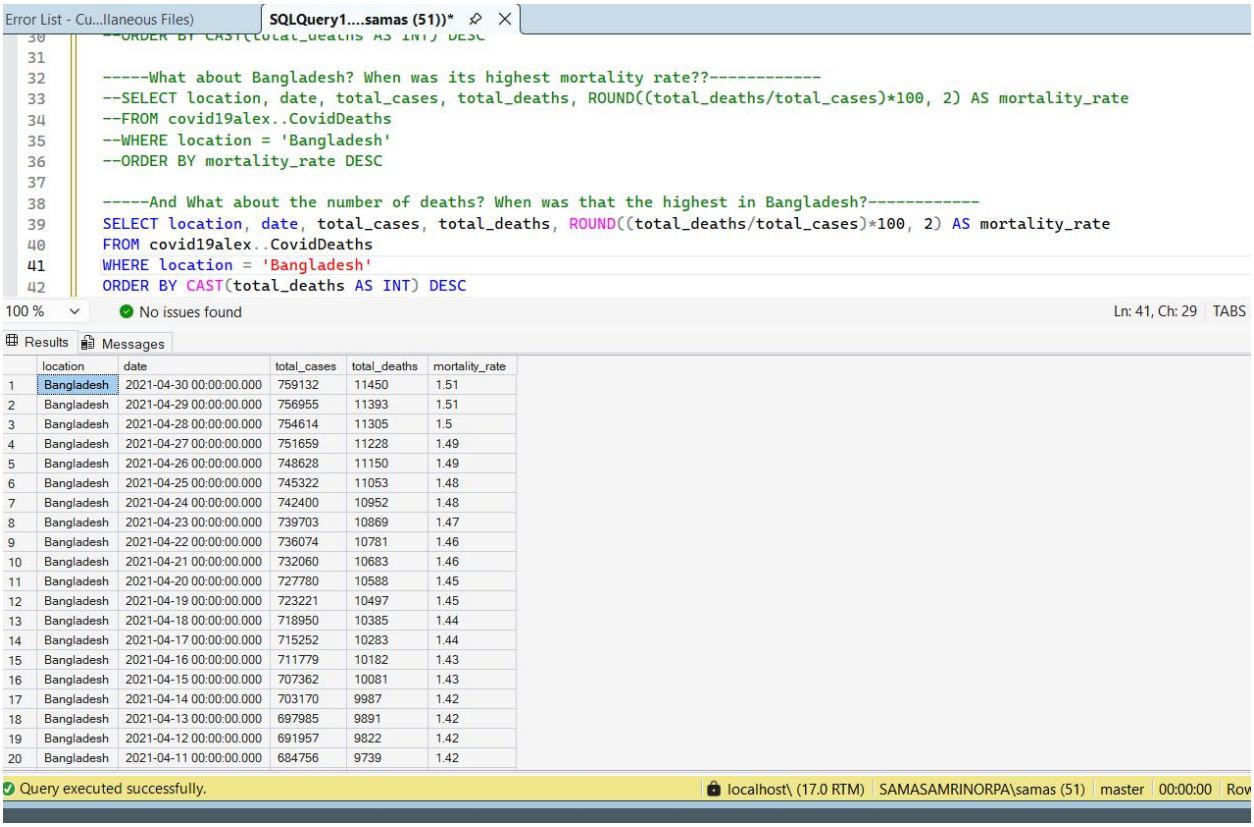
Now let's take a look at Bangladesh, on the other side of the world, struggling from the same pandemic.



	location	date	total_cases	total_deaths	mortality_rate
1	Bangladesh	2020-03-25 00:00:00.000	39	5	12.82
2	Bangladesh	2020-04-04 00:00:00.000	70	8	11.43
3	Bangladesh	2020-03-26 00:00:00.000	44	5	11.36
4	Bangladesh	2020-04-01 00:00:00.000	54	6	11.11
5	Bangladesh	2020-04-02 00:00:00.000	56	6	10.71
6	Bangladesh	2020-03-27 00:00:00.000	48	5	10.42
7	Bangladesh	2020-03-28 00:00:00.000	48	5	10.42
8	Bangladesh	2020-03-29 00:00:00.000	48	5	10.42
9	Bangladesh	2020-04-07 00:00:00.000	164	17	10.37
10	Bangladesh	2020-03-24 00:00:00.000	39	4	10.26
11	Bangladesh	2020-04-05 00:00:00.000	88	9	10.23
12	Bangladesh	2020-03-30 00:00:00.000	49	5	10.2
13	Bangladesh	2020-04-03 00:00:00.000	61	6	9.84
14	Bangladesh	2020-03-31 00:00:00.000	51	5	9.8
15	Bangladesh	2020-04-06 00:00:00.000	123	12	9.76
16	Bangladesh	2020-04-08 00:00:00.000	218	20	9.17
17	Bangladesh	2020-03-23 00:00:00.000	33	3	9.09
18	Bangladesh	2020-03-21 00:00:00.000	25	2	8
19	Bangladesh	2020-03-22 00:00:00.000	27	2	7.41
20	Bangladesh	2020-03-18 00:00:00.000	14	1	7.14

As expected, its worst mortality rate is much higher than Canada's - 12.82% instead of 8.58%. They struggled with this the most around March-April period of 2020.

And when did most people die from Covid there?



Thankfully, it was around half of what it was in Canada – 11,000 daily deaths instead of 23,000. However, they both were around the same timeframe – April of 2021 – when possibly the second wave of Covid19 hit the world with its new variants.