UNVEILING COVID-19: A DATA JOURNEY

Total Cases Vs Total Deaths

```
select location,date1,total_cases,total_deaths,
round((total_deaths/total_cases)*100,2) as Death_Percentage
from covid_deaths
order by Death_Percentage desc
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

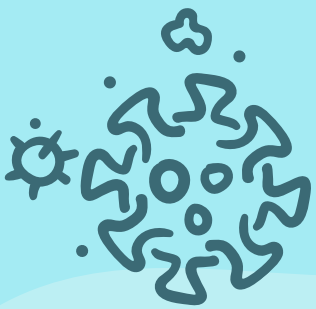
location	date1	total_cases	total_deaths	Death_Percentage
Sudan	2020-03-14	1	1	100.00
Sudan	2020-03-15	1	1	100.00
Sudan	2020-03-16	1	1	100.00
Sudan	2020-03-17	1	1	100.00
Sudan	2020-03-18	1	1	100.00
Sudan	2020-03-19	1	1	100.00

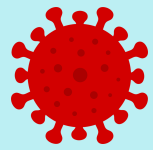
Result 4

```sql
select location,date1,total_cases,total_deaths,
round((total_deaths/total_cases)*100,2)  as Death_Percentage
from covid_deaths
where location='India'
order by Death_Percentage desc
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

location	date1	total_cases	total_deaths	Death_Percentage
India	2020-04-12	9205	331	3.60
India	2020-05-05	49400	1693	3.43
India	2020-04-13	10453	358	3.42
India	2020-04-14	11487	393	3.42
India	2020-04-11	8446	288	3.41
India	2020-04-17	14352	486	3.39





Total Cases Vs Infection Percentage

```
select location,date1,population,total_cases,
round((total_cases/population)*100,2) as Infected_Percentage from
covid_deaths
where location='India'
order by Infected_Percentage desc
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

location	date1	population	total_cases	Infected_Percentage
India	2021-04-30	1380004385	19164969	1.39
India	2021-04-29	1380004385	18762976	1.36
India	2021-04-28	1380004385	18376421	1.33
India	2021-04-27	1380004385	17997113	1.30
India	2021-04-26	1380004385	17636186	1.28
India	2021-04-25	1380004385	17313163	1.25

```sql
select location,date1,population,total_cases,
round((total_cases/population)*100,2) as Infected_Percentage
covid_deaths
where location='china'
order by Infected_Percentage desc
```

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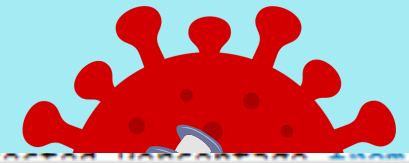


Result Grid | Filter Rows: | Export: | Wrap Cell Content:

location	date1	population	total_cases	Infected_Percentage
China	2020-02-17	1439323774	72434	0.01
China	2020-02-18	1439323774	74211	0.01
China	2020-02-19	1439323774	74619	0.01
China	2020-02-20	1439323774	75077	0.01
China	2020-02-21	1439323774	75550	0.01
China	2020-02-22	1439323774	77001	0.01

Result 2

Infection Rate compared to Population

```sql
select location,population,max(total_cases) as Highest_Infected_Count,
round(max((total_cases/population)*100),2) as Infection_Percentage
from covid_deaths
group by location,population
order by Infection_Percentage desc
```

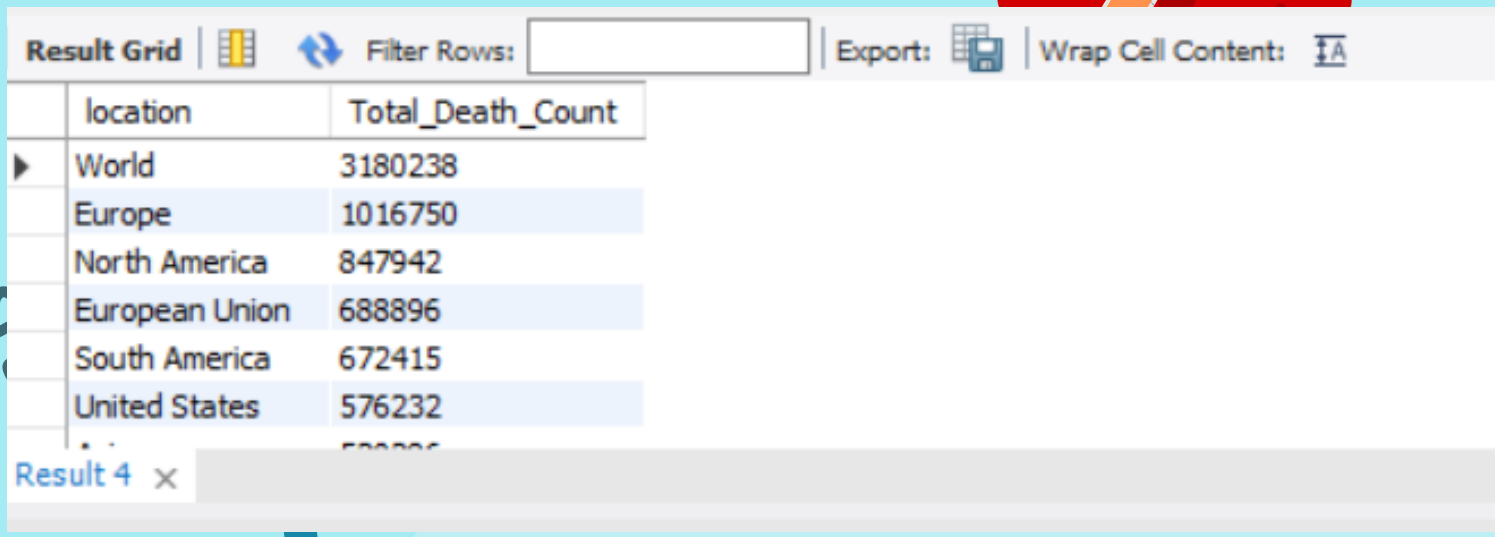
Result Grid | Filter Rows: | Export: | Wrap Cell Content:

location	population	Highest_Infected_Count	Infection_Percentage
Andorra	77265	13232	17.13
Montenegro	628062	97389	15.51
Czechia	10708982	1630758	15.23
San Marino	33938	5066	14.93
Slovenia	2078932	240292	11.56
Luxembourg	625976	67205	10.74

Result 1

Countries with Highest Death Count Per Population

```sql
Select location,max(total_deaths) as Total_Death_Count
from covid_deaths
where continent is not null
group by location
order by Total_Death_Count Desc
```



Global Numbers

```sql
select date1,sum(new_cases) as Total_New_Cases,sum(new_deaths) as Total_Death_Count,
round((sum(new_deaths)/sum(new_cases))*100,2) as Death_Percentage
from covid_deaths
where continent is not null
group by date1
order by Total_New_Cases desc
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

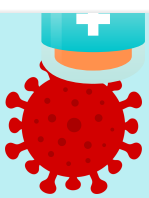
date1	Total_New_Cases	Total_Death_Count	Death_Percentage
2021-01-07	2867056	48453	1.69
2021-04-28	2852389	49624	1.74
2021-04-22	2850880	43716	1.53
2021-04-23	2830968	45174	1.60
2021-04-21	2823348	45196	1.60
2021-04-29	2817990	47313	1.68

Result 8

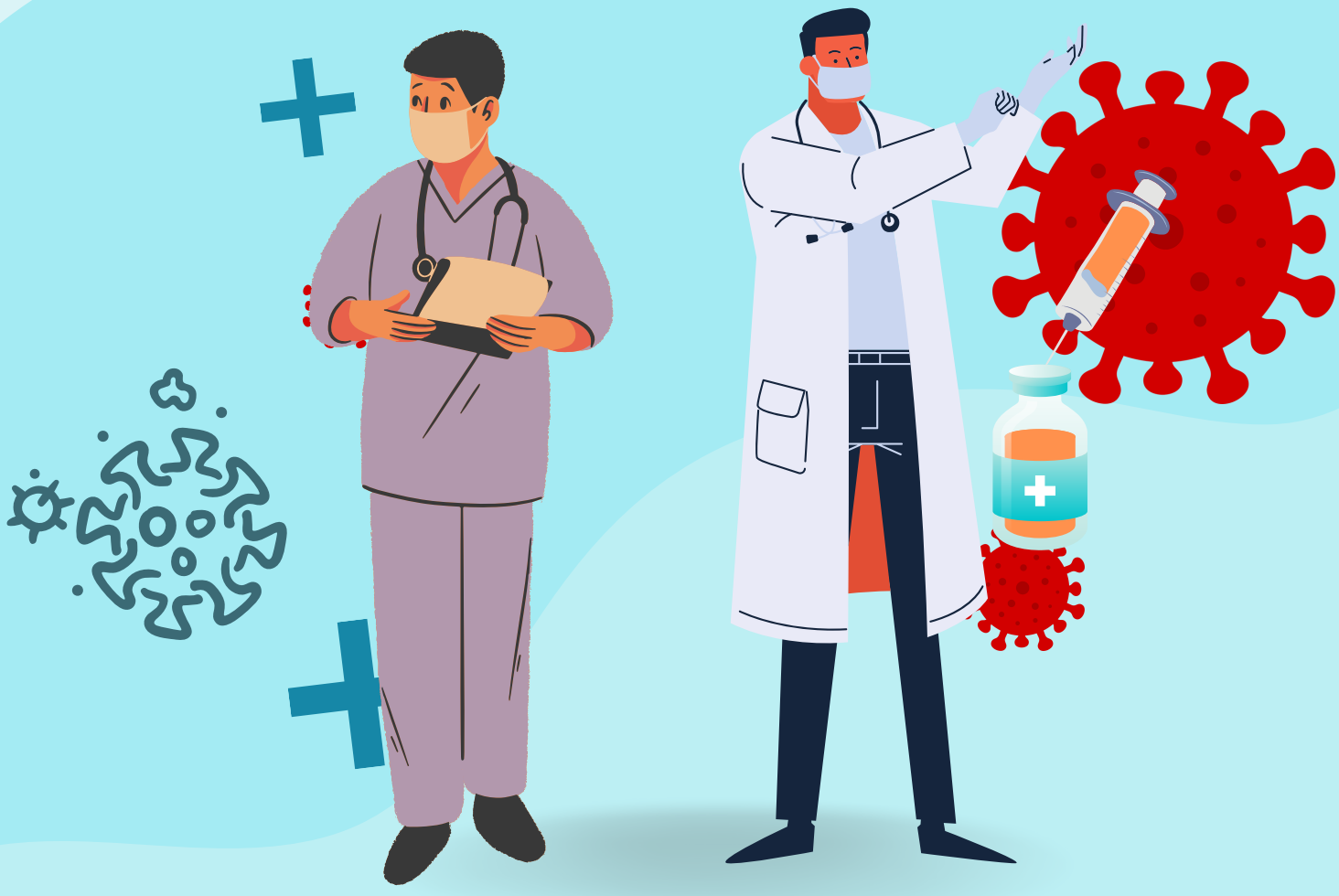
```sql
select sum(new_cases) as Total_New_Cases,
sum(total_deaths) as Total_Deaths,
round((sum(new_deaths)/sum(new_cases))*100,2)  as Death_Percentage
from covid_deaths
where continent is not null
order by 1,2
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Total_New_Cases	Total_Deaths	Death_Percentage
482497587	1688684161	2.12



LET'S GET VACCINATED



Total Population Vs Vaccination

```
select d.continent,d.location,d.date1,d.population,
v.new_vaccinations from covid_deaths d
join covid_vaccination v
on d.location=v.location and d.date1=v.date1
where d.continent='Asia'
order by v.new_vaccinations desc
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Fetch rows:

continent	location	date1	population	new_vaccinations
Asia	China	2021-04-30	1439323774	11601000
Asia	China	2021-04-29	1439323774	9558000
Asia	China	2021-04-28	1439323774	7929000
Asia	China	2021-04-02	1439323774	7185000
Asia	China	2021-04-22	1439323774	7032000
Asia	China	2021-04-01	1439323774	6795000

Result 11

6487000

```sql
create view Percent_Population_Vaccinated as
select d.continent,d.location,d.date1,d.population,v.new_vaccinations,
sum(new_vaccinations) over(partition by d.location order by d.location,d.date1) as RollingPeopleVaccinated
from covid_deaths d join covid_vaccination v
on d.location=v.location and d.date1=v.date1
where d.continent='Asia'
order by RollingPeopleVaccinated desc
drop view Percent_Population_Vaccinated
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Fetch rows:

continent	location	date1	population	new_vaccinations	RollingPeopleVaccinated
Asia	China	2021-04-30	1439323774	11601000	184604000
Asia	China	2021-04-29	1439323774	9558000	173003000
Asia	China	2021-04-28	1439323774	7929000	163445000
Asia	China	2021-04-27	1439323774	6487000	155516000
Asia	China	2021-04-26	1439323774	4588000	149029000
Asia	China	2021-04-25	1439323774	4592000	144441000

Percent_Population_Vaccinated...

THANK YOU