CREATE VIEW Average\_February\_Deaths AS SELECT AVG(total\_deaths) FROM covid\_deaths.coviddeaths WHERE date between '2/1/2020' AND '2/28/2020';

CREATE VIEW Average\_April\_Deaths AS SELECT AVG(total\_deaths) FROM covid\_deaths.coviddeaths WHERE date between '4/1/2020' AND '4/30/2020';

CREATE VIEW Average\_May\_Deaths AS SELECT AVG(total\_deaths) FROM covid\_deaths.coviddeaths WHERE date between '5/1/2020' AND '5/31/2020';

CREATE VIEW Average\_June\_Deaths AS SELECT AVG(total\_deaths) FROM covid\_deaths.coviddeaths WHERE date between '6/1/2020' AND '6/30/2020';

CREATE VIEW Average\_July\_Deaths AS SELECT AVG(total\_deaths) FROM covid\_deaths.coviddeaths WHERE date between '7/1/2020' AND '7/31/2020';

CREATE VIEW Average\_August\_Deaths AS SELECT AVG(total\_deaths) FROM covid\_deaths.coviddeaths WHERE date between '8/1/2020' AND '8/31/2020';

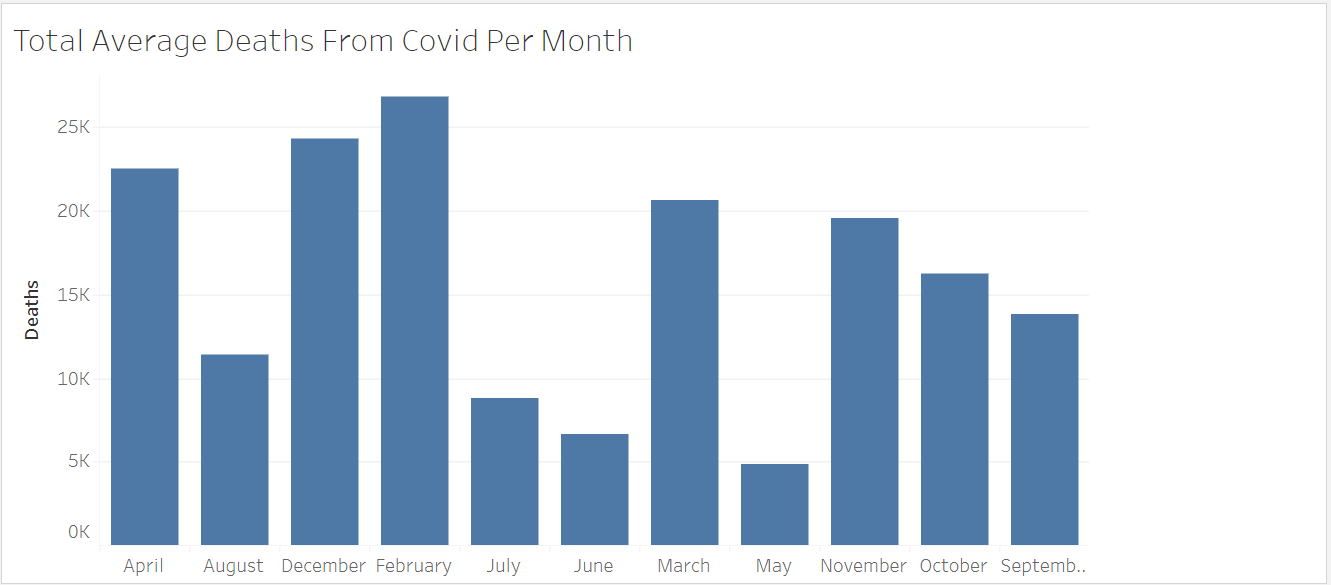
CREATE VIEW Average\_September\_Deaths AS SELECT AVG(total\_deaths) FROM covid\_deaths.coviddeaths WHERE date between '9/1/2020' AND '9/30/2020';

CREATE VIEW Average\_October\_Deaths AS SELECT AVG(total\_deaths) FROM covid\_deaths.coviddeaths WHERE date between '10/1/2020' AND '10/31/2020';

CREATE VIEW Average\_November\_Deaths AS SELECT AVG(total\_deaths) FROM covid\_deaths.coviddeaths WHERE date between '11/1/2020' AND '11/30/2020';

CREATE VIEW Average\_December\_Deaths AS SELECT AVG(total\_deaths) FROM covid\_deaths.coviddeaths WHERE date between '12/1/2020' AND '12/31/2020';

Visualized In Tableau:



#Shows the likelihood of dying if one contracts covid

CREATE VIEW date\_death\_percentage AS SELECT date, (total\_deaths/total\_cases)\*100 FROM covid\_deaths.coviddeaths;

SELECT MAX(total\_deaths), MAX(total\_vaccinations), location FROM covid\_deaths.coviddeaths GROUP BY location ORDER BY MAX(total\_vaccinations) DESC;

CREATE VIEW Max\_Deaths\_Per\_Vaccination\_Percentage AS SELECT (MAX(total\_deaths) / MAX(total\_vaccinations)) \* 100 , location, date FROM covid\_deaths.coviddeaths GROUP BY continent, location ORDER BY MAX(total\_vaccinations) DESC;

#Shows how many are dying out of the total that get covid

CREATE VIEW total\_percent\_dying\_from\_covid AS SELECT SUM(new\_deaths), SUM(new\_cases), (SUM(new\_deaths)/SUM(new\_cases)) \* 100 as death\_percentage\_world\_wide FROM covid\_deaths.coviddeaths;

//////////////////////////////////////////////

Create View PercentPopulationVaccinated as

Select dea.continent, dea.location, dea.date, dea.population, vac.new\_vaccinations

, SUM(cast(vac.new\_vaccinations AS DOUBLE)) OVER (Partition by dea.Location Order by dea.location, dea.Date) as RollingPeopleVaccinated

From coviddeaths dea

Join covidvaccinations vac

On dea.location = vac.location

and dea.date = vac.date

where dea.continent is not null

, (RollingPeopleVaccinated/population)\*100

From coviddeaths dea

Join covidvaccinations vac

On dea.location = vac.location

and dea.date = vac.date

where dea.continent is not null

LOAD DATA LOCAL INFILE 'C:\Users\DevLaptop\Contacts\DataSciencePortfolio\CovidVaccinations' INTO TABLE `covid\_deaths`.`covidvaccinations` FIELDS TERMINATED BY ',' LINES TERMINATED BY '\n' (ï»¿iso\_code, continent, location, date, new\_tests, total\_tests, total\_tests\_per\_thousand, new\_tests\_per\_thousand, new\_tests\_smoothed, new\_tests\_smoothed\_per\_thousand, positive\_rate, tests\_per\_case, tests\_units, total\_vaccinations, people\_vaccinated, people\_fully\_vaccinated, new\_vaccinations, new\_vaccinations\_smoothed, total\_vaccinations\_per\_hundred, people\_vaccinated\_per\_hundred, people\_fully\_vaccinated\_per\_hundred, new\_vaccinations\_smoothed\_per\_million, stringency\_index, population\_density, median\_age, aged\_65\_older, aged\_70\_older, gdp\_per\_capita, extreme\_poverty, cardiovasc\_death\_rate, diabetes\_prevalence, female\_smokers, male\_smokers, handwashing\_facilities, hospital\_beds\_per\_thousand, life\_expectancy, human\_development\_index);

Error Code: 2. File 'C:UsersDevLaptopContactsDataSciencePortfolioCovidVaccinations' not found (OS errno 2 - No such file or directory)

Error Code: 2. File 'C:\Users\DevLaptop\Contacts\DataSciencePortfolio\CovidVaccinations' not found (OS errno 2 - No such file or directory)

Error Code: 2. File 'C:\Users\DevLaptop\Desktop\CovidVaccinations' not found (OS errno 2 - No such file or directory)

Make sure that you add .csv to the end and add \\ where there would normally be one

LOAD DATA LOCAL INFILE 'C:\\Users\\DevLaptop\\Desktop\\CovidVaccinations.csv' INTO TABLE `covid\_deaths`.`covidvaccinations` FIELDS TERMINATED BY ',' LINES TERMINATED BY '\n' (ï»¿iso\_code, continent, location, date, new\_tests, total\_tests, total\_tests\_per\_thousand, new\_tests\_per\_thousand, new\_tests\_smoothed, new\_tests\_smoothed\_per\_thousand, positive\_rate, tests\_per\_case, tests\_units, total\_vaccinations, people\_vaccinated, people\_fully\_vaccinated, new\_vaccinations, new\_vaccinations\_smoothed, total\_vaccinations\_per\_hundred, people\_vaccinated\_per\_hundred, people\_fully\_vaccinated\_per\_hundred, new\_vaccinations\_smoothed\_per\_million, stringency\_index, population\_density, median\_age, aged\_65\_older, aged\_70\_older, gdp\_per\_capita, extreme\_poverty, cardiovasc\_death\_rate, diabetes\_prevalence, female\_smokers, male\_smokers, handwashing\_facilities, hospital\_beds\_per\_thousand, life\_expectancy, human\_development\_index);

LOAD DATA LOCAL INFILE 'C:\\Users\\DevLaptop\\Desktop\\CovidDeaths.csv' INTO TABLE `covid\_deaths`.`coviddeaths` FIELDS TERMINATED BY ',' LINES TERMINATED BY '\n' (ï»¿iso\_code, continent, location, date, total\_cases, new\_cases, new\_cases\_smoothed, total\_deaths, new\_deaths, new\_deaths\_smoothed, total\_cases\_per\_million, new\_cases\_per\_million, new\_cases\_smoothed\_per\_million, total\_deaths\_per\_million, new\_deaths\_per\_million, new\_deaths\_smoothed\_per\_million, reproduction\_rate, icu\_patients, icu\_patients\_per\_million, hosp\_patients, hosp\_patients\_per\_million, weekly\_icu\_admissions, weekly\_icu\_admissions\_per\_million, weekly\_hosp\_admissions, weekly\_hosp\_admissions\_per\_million, new\_tests, total\_tests, total\_tests\_per\_thousand, new\_tests\_per\_thousand, new\_tests\_smoothed, new\_tests\_smoothed\_per\_thousand, positive\_rate, tests\_per\_case, tests\_units, total\_vaccinations, people\_vaccinated, people\_fully\_vaccinated, new\_vaccinations, new\_vaccinations\_smoothed, total\_vaccinations\_per\_hundred, people\_vaccinated\_per\_hundred, people\_fully\_vaccinated\_per\_hundred, new\_vaccinations\_smoothed\_per\_million, stringency\_index, population, population\_density, median\_age, aged\_65\_older, aged\_70\_older, gdp\_per\_capita, extreme\_poverty, cardiovasc\_death\_rate, diabetes\_prevalence ,female\_smokers, male\_smokers, handwashing\_facilities, hospital\_beds\_per\_thousand, life\_expectancy, human\_development\_index);

SELECT \* FROM covid\_deaths.total\_percent\_dying\_from\_covid LIMIT 0, 1000