# Data Analysis with Power BI Case Study

**WEEK 4**

HOMEWORK

**You are asked to provide answers for the following questions:**

1. Paste the link into the window that opens with the Get Data Web option and enter the data into Power BI (without transforming).

<https://raw.githubusercontent.com/RamiKrispin/coronavirus/master/csv/coronavirus.csv>

1. cCreate a New Date table using the Calendarauto function (to display: find year, month, quarter, day, month name)
2. If the automatic connection is not established, connect the two tables via the Date column.
3. Find the total infection, total death, total recovery by case type (use calculate or sumx). Name newly created measures as confirm, death, recovered respectively. Display each of them on cards.
4. Create a measure that can depict the difference in the number of infections between months (Calculate, previousmonth and divide functions will be helpful). Name it as compare measure.
5. Create a visual using the newly created “compare measure” with the month column in the date (it is up to you to choose the appropriate visual. Make the visual understandable.
6. Add slicers. Bring the Country column to one slicer and the Type column to the other (if you want, you can also add a slicer for the month column in the date table).
7. Look at where the infection is most common by country using the map (let's use the long, lat columns in appropriate place in the map visual).
8. Create three bookmarks named as confirmed bookmark, death bookmark, recovered bookmark. When we click on the Confirmed bookmark, it will show only the confirmed card from the cards we created earlier and hide the other two cards. Apply the same rule to other bookmarks.