

# Questions

Deng Chunxi

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#Week 9

*#What is the topic that you have finalized?  
#The topic that I have finalised is World War II.*

*#(2) What are the data sources that you have curated so far?  
 #I will be using data from <https://www.kaggle.com/datasets/ramjasmaurya/world-war-2-archive>, <https://www.kaggle.com/datasets/notkrishna/world-war-2-causalities-by-country>  
 #It analyses the types of weapons used, vehicles and casualties,*

#Week 10

*#(1) What is the question that you are going to answer? (Answer: One sentence that ends with a question mark that could act like the title of your data story),*

*#Who suffered the most from WWII?*

*#(2) Why is this an important question? (Answer: 3 sentences, each of which has some evidence, e.g., "According to the United Nations..." to justify why the question you have chosen is important*

*#1. According to the UN, lessons from WWII is still relevant in guiding the work of UN.*

*#2. According to the UN, WWII established the standard for judging evil empires and tyrants, we need to remember those that sacrificed themselves for a greater good of humanity.*

*#3. According to the UN, having survived the catastrophe of World War II, humankind sought to embrace new means to prevent the recurrence of such tragic events.*

*#(3) Which rows and columns of the dataset will be used to answer this question? (Answer: Actual names of the variables in the dataset that you plan to use).*

*#Primary role, country, total population, military death from all causes, civilians due to military and crimes against humanity, total deaths, death % compared to population at the start of war, avg death*

*#I had problem embedding the shiny app onto my website. When I keyed in the URL, Rstudio did not recognise the code as a HTML and instead read it as text.*

## #Week 11

*#(1) List the visualizations that you are going to use in your project (Answer: What are the variables that you are going to plot? How will it answer your larger question?),*

*#I am using a bar graph which expresses the percentage of casualties from the 7 significant countries. There is also another interactive shiny app which display 4 different categories of military resources that the 7 countries had contributed in, they are aircrafts, vehicles, weapons and ships. This interactive graph is expressed as percentage too. By analysing the casualties and resources poured into WW2, I can conclude which country suffered the most from WW2.*

*#(2) How do you plan to make it interactive? (Answer: features of ggplot2/shiny/markdown do you plan to use to make the story interactive) ,*

*#I have an interactive shiny app that allows the user to select the 4 categories of military resources that the 7 countries had contributed in.*

*#(3) What concepts incorporated in your project were taught in the course and which ones were self-learnt? (Answer: Create a table with topics in one column and Weeks in the other to indicate which concept taught in which week is being used. Leave the entry of the Week column empty for self-learnt concepts)*

```
read.csv("table.csv")
```

```
## Warning in read.table(file = file, header = header, sep = sep, quote = quote, :  
## incomplete final line found by readTableHeader on 'table.csv'
```

##	Concept	Week
## 1	Bar graph	7
## 2	Shinyapp	8
## 3	Insert photo on website	8
## 4	Insert shinyapp on quarto	9

## #Week 12

*#I faced challenge when removing the background of the graphs. The graphs have white backgrounds that do not match with the aesthetic of the website. Therefore, I wanted it to have the same colour as the background of the website. The solution is to include the following code in plot\_ly.*

```
#plot_bgcolor = "#272b31",  
#paper_bgcolor = "#272b31",  
#font = list(color = "white")
```