

Information Visualization Project Proposal and Dataset



G3-A

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DOMAIN

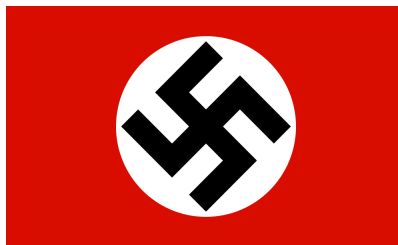
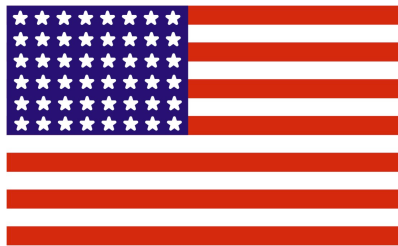
Domain

High level description

Data related to the Second World War.

World War II was one of the definitive events of the 20th century, if not all of human history.

European theatre



02

DATASET

Dataset

Dataset description

Static tables from Wikipedia.



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TASKS

Tasks

Task 1

High-level: Analyze -> Consume -> Present

Analyze the casualties during the WW2

Task 2

Mid-level: Search -> Browse

Search for the greatest battles in the war

Task 3

Low-level: Query -> Identify

Identify which commander led each battle

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EXAMPLE QUESTIONS

Questions

- **Who was the worst commander?**
- **Which was the biggest battle?**
- **Where were the frontlines?**
- **How did the casualties varied throughout the war?**
- **Which side lost more men?**






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DATA SAMPLE

Data Sample

Military casualties by branch of service

Country	Branch of service	Number served	Killed/missing	Wounded	Prisoners of war Captured	Percent killed
Germany	Army ^[259]	13,600,000	4,202,000			30.9
Germany	Air Force (including infantry units) ^[259]	2,500,000	433,000			17.3
Germany	Navy ^[259]	1,200,000	138,000			11.5

Country	Total population 1/1/1939	Military deaths from all causes	Civilian deaths due to military activity and crimes against humanity	Civilian deaths due to war related famine and disease	Total deaths	Deaths as % of 1939 population
 Albania ^A	1,073,000 ^[13]	30,000 ^[14]			30,000	2.80
 Australia ^B	6,968,000 ^[13]	39,700 ^[15]	700 ^[16]		40,400	.58
 Austria (German-controlled) ^C	6,653,000 ^[13]	Included with German Army	Included with Germany			(see table below) ^{S3}
 Belgium ^D	8,387,000 ^[13]	12,000 ^[17]	76,000 ^[17]		88,000	1.05
 Brazil ^E	40,289,000 ^[13]	1,000 ^[18]	1,000 ^[19]		2,000	.00
 Bulgaria ^F	6,458,000 ^[13]	18,500 ^[18]	3,000 ^[20]		21,500	0.33
 Burma (British) ^G	16,119,000 ^[13]	2,600 ^[21]	250,000 ^[21]		252,600	1.57

Commanders and leaders	
 Dwight D. Eisenhower (Supreme Allied Commander)	 Gerd von Rundstedt (Oberbefehlshaber West)
 Arthur Tedder (Deputy Supreme Allied Commander)	 Erwin Rommel (Heeresgruppe B)
 Bernard Montgomery (Ground Forces Commander in Chief)	
 Trafford Leigh-Mallory (Air Commander in Chief)	
 Bertram Ramsay (Naval Commander in Chief)	
Strength	
1,452,000 troops (by 25 July) ^[a]	380,000 troops (by 23 July) ^[8] – 1,000,000+ ^[9]
2,052,299 (by the end of August) ^[7]	2,200 ^[9] – ~2,300 tanks and assault guns ^[10]
Casualties and losses	
225,606 to 226,386 casualties	400,000 casualties ^[13] to 530,000+ killed or captured ^[14]
4,101 planes ^[11]	2,127 planes ^[15]
~4,000 tanks ^[12]	~2,200 tanks and assault guns ^[10]