



How many years after the start of the Revolutionary War did George Washington step down as president?



The American Revolutionary War began in 1775 and George Washington was inaugurated as the first President of the United States on April 30, 1789. He served two terms as President and stepped down at the end of his second term on March 4, 1797.

To calculate the number of years between the start of the Revolutionary War in 1775 and the time George Washington stepped down as President in 1797:

$1797 - 1775 = 22$  years.

So, George Washington stepped down as President 22 years after the start of the Revolutionary War.

ChatGPT is a large neural network language model:

What's a language model?

What kind of neural network is it?

How is it trained?

What can it be used for?

# Course Outline

- ▶ Goals:
  - ▶ Build from **ML fundamentals** to **ChatGPT**
  - ▶ Cover the major methods and applications in modern NLP research
  - ▶ Give you the ability to know what tools to use for which problems
- ▶ Assignments:
  - ▶ Designed to give you hands-on experience
  - ▶ Implementation of neural network models in PyTorch
  - ▶ Thinking about data will be key!
- ▶ See the syllabus and course website for more details