

Data on the Web

LIS 598
Spring 2019

Agenda

- Some brief terminological distinctions
- Why data on the web (as opposed to through the internet) is a big deal
- What are the implications for data curation

- Some of our priors
 - Data are digital objects playing the role of evidence (week 1-2)
 - Data curation is a form of intervention - mediating a relationship between collection and use (week 4)
 - In that intervention we typically privilege (week 3)
 - Efficiency in reuse of data (e.g. F.A.I.R through cleaning, normalization, standard descriptions and encodings)
 - Fitness for purpose (for each dataset their user)
 - Ease of computation

Data on the Web

- Web (information accessed through internet - service layer)
- Internet (network of information protocols and transfer standards - infrastructure)
- Data on the web is a shorthand description for the ways in which information is structured and presented on the web
 - Typically we think of the web being divided between content (text) and presentation (html)
 - Increasingly the presentation layer provides for structured information which may be consumed by people and other machines
- Consumption (via API's and other query languages) lets save for another week

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US History



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African-Americans					Artists		Explorers of the US					Inventors			US Presidents			US Symbols			US States				



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The Presidents of the United States of America

[In the order in which they served](#)

[Alphabetical order](#)

[Short table of Data](#)



[Abraham Lincoln](#)

The President and Vice-President are elected every four years. They must be at least 35 years of age, they must be native-born citizens of the United States, and they must have been residents of the U.S. for at least 14 years. (Also, a person cannot be elected to a third term as President.)

President	Party	Term as President	Vice-President
1. George Washington (1732-1799)	None, Federalist	1789-1797	John Adams
2. John Adams (1735-1826)	Federalist	1797-1801	Thomas Jefferson
3. Thomas Jefferson (1743-1826)	Democratic-Republican	1801-1809	Aaron Burr, George Clinton
4. James Madison (1751-1836)	Democratic-Republican	1809-1817	George Clinton, Elbridge Gerry
5. James Monroe (1758-1831)	Democratic-Republican	1817-1825	Daniel Tompkins
6. John Quincy Adams (1767-1848)	Democratic-Republican	1825-1829	John Calhoun
7. Andrew Jackson (1767-1845)	Democrat	1829-1837	John Calhoun, Martin van Buren
8. Martin van Buren (1782-1862)	Democrat	1837-1841	Richard Johnson
9. William H. Harrison (1773-1841)	Whig	1841	John Tyler
10. John Tyler (1790-1862)	Whig	1841-1845	
11. James K. Polk (1795-1849)	Democrat	1845-1849	George Dallas
12. Zachary Taylor (1784-1850)	Whig	1849-1850	Millard Fillmore

DATABLOG

Facts are sacred

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Updated

Every US president listed

Complete list of US presidents from George Washington up to Barack Obama, with party and year inaugurated

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Barack Obama is sworn in for a second term as president. Photograph: Rex Features

US president, [Barack Obama](#) was officially sworn in at noon Sunday for a second term in a small ceremony at the White House. The [main public event will be held on Monday](#), with Obama being sworn in again at noon, on the steps of Congress. Below is a complete list of US presidents since George Washington, with party and year inaugurated.

Data summary

US presidents		
Click heading to sort table. Download this data		
Years (after inauguration)	President	Party
1789	George Washington	None
1790	George Washington	None
1791	George Washington	None
1792	George Washington	None
1793	George Washington	None
1794	George Washington	None
1795	George Washington	None
1796	George Washington	None
1797	John Adams	Federalist
1798	John Adams	Federalist
1799	John Adams	Federalist
1800	John Adams	Federalist
1801	Thomas Jefferson	Democratic-Republican
1802	Thomas Jefferson	Democratic-Republican
1803	Thomas Jefferson	Democratic-Republican
1804	Thomas Jefferson	Democratic-Republican
1805	Thomas Jefferson	Democratic-Republican
1806	Thomas Jefferson	Democratic-Republican
1807	Thomas Jefferson	Democratic-Republican
1808	Thomas Jefferson	Democratic-Republican



US presidents listed




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fx | Years (after inauguration)

	A	B	C
1	Years (after inauguration)	President	Party
2	1789	George Washington	None
3	1790	George Washington	None
4	1791	George Washington	None
5	1792	George Washington	None
6	1793	George Washington	None
7	1794	George Washington	None
8	1795	George Washington	None
9	1796	George Washington	None
10	1797	John Adams	Federalist
11	1798	John Adams	Federalist
12	1799	John Adams	Federalist
13	1800	John Adams	Federalist
14	1801	Thomas Jefferson	Democratic-Republican
15	1802	Thomas Jefferson	Democratic-Republican
16	1803	Thomas Jefferson	Democratic-Republican
17	1804	Thomas Jefferson	Democratic-Republican
18	1805	Thomas Jefferson	Democratic-Republican
19	1806	Thomas Jefferson	Democratic-Republican
20	1807	Thomas Jefferson	Democratic-Republican
21	1808	Thomas Jefferson	Democratic-Republican
22	1809	James Madison	Democratic-Republican
23	1810	James Madison	Democratic-Republican
24	1811	James Madison	Democratic-Republican
25	1812	James Madison	Democratic-Republican
26	1813	James Madison	Democratic-Republican
27	1814	James Madison	Democratic-Republican
28	1815	James Madison	Democratic-Republican
		James	

Presidents [edit]

<div><div></div> Unaffiliated (2)<div></div> Federalist (1)<div></div> Democratic-Republican (4)<div></div> Democratic (15)<div></div> Whig (4)<div></div> Republican (19)<div></div> National Union (2)</div> <div></div>							
Presidency ^[a]		President	Prior office ^[b]	Party ^[c]	Election	Vice President	
1	April 30, 1789 ^[d] <div>–</div> March 4, 1797	<div></div> <div>George Washington<div>1732–1799</div><div>(Lived: 67 years)</div><div>^[3]^[4]^[5]</div></div>	Commander-in-Chief of the Continental Army <div>(1775–1783)</div>	Unaffiliated ^[2]	1788–89	John Adams ^[e] ^[f]	
					1792		
2	March 4, 1797 <div>–</div> March 4, 1801	<div></div> <div>John Adams<div>1735–1826</div><div>(Lived: 90 years)</div><div>^[6]^[7]^[8]</div></div>	1st Vice President of the United States <div>(1789–1797)</div>	Federalist	1796	Thomas Jefferson ^[g]	
3	March 4, 1801 <div>–</div>	<div></div> <div>Thomas Jefferson<div>1743–1826</div></div>	2nd Vice President of the United States	Democratic-	1800	Aaron Burr <div>March 4, 1801 – March 4, 1805</div>	



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George Washington

From Wikipedia, the free encyclopedia

This article is about first president of the United States. For other uses, see [George Washington \(disambiguation\)](#).

George Washington (February 22, 1732^{[b][c]} – December 14, 1799) was an American political leader, military general, statesman, and **Founding Father** who also served as the first **president of the United States** from 1789 to 1797. He led **Patriot** forces to victory in the nation's **War of Independence**, and he presided at the **Constitutional Convention** of 1787 which established the new federal government. He has been called the "**Father of His Country**" for his manifold leadership in the formative days of the new nation.

Washington received his initial military training and command with the Virginia Regiment during the **French and Indian War**. He was later elected to the Virginia House of Burgesses and was named a delegate to the **Continental Congress**, where he was appointed **Commanding General** of the nation's **Continental Army**. Washington led American forces, allied with France, in the defeat and surrender of the British at **Yorktown**, and resigned his commission in 1783.

Washington played a key role in the adoption and ratification of the **Constitution** and was then elected president by the **Electoral College** in the first two elections. He implemented a strong, well-financed national government while remaining impartial in a fierce rivalry between cabinet members **Thomas Jefferson** and **Alexander Hamilton**. During the **French Revolution**, he proclaimed a policy of neutrality while sanctioning the **Jay Treaty**. He set enduring precedents for the office of president, including the title "President of the United States", and his **Farewell Address** is widely regarded as a pre-eminent statement on republicanism.

Washington owned **African American** slaves for labor and trading, and supported measures passed by Congress protecting slavery, in order to preserve national unity. He later became troubled with the institution of **slavery** and freed his slaves in a 1799 will. He endeavored to assimilate **Native Americans** into Western culture, but responded to their hostility in times of war. He was a member of the Anglican Church and the **Freemasons**, and he urged tolerance for all religions in his roles as general and president. Upon his death, he was eulogized as "first in war, first in peace, and first in the hearts of his countrymen." He has been memorialized by monuments, art, geographical locations, stamps, and currency, and many scholars and polls rank him among the top American presidents.

Contents [hide]

- [Early life \(1732–1752\)](#)
- [Colonial military career \(1752–1758\)](#)
 - [French and Indian War](#)
 - [Military service with the British Army \(1758–1775\)](#)

George Washington



1st President of the United States

In office

April 30, 1789^[a] – March 4, 1797

Vice President John Adams

Preceded by Office established

Succeeded by [John Adams](#)

7th Senior Officer of the United States Army

In office

July 13, 1798 – December 14, 1799

President John Adams

Preceded by [James Wilkinson](#)

Succeeded by [Alexander Hamilton](#)

Commander-in-Chief of the Continental Army

In office

June 14, 1775 – December 23, 1783

Appointed by [Continental Congress](#)

Preceded by Office established



george washington



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George Washington - Wikipedia

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George Washington (February 22, 1732 – December 14, 1799) was an American political leader, military general, statesman, and Founding Father who also served as the first president of the United States from 1789 to 1797.

Vice President: John Adams **Years of service:** 1752–58 (Colonial forces); 1...

Political party: **Independent** **Commands:** Virginia Regiment; Continental Ar...

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George Washington - HISTORY

<https://www.history.com/topics/us-presidents/george-washington> ▼

Apr 15, 2019 - **George Washington** (1732-99) was commander in chief of the Continental Army during the American Revolutionary War (1775-83) and served two terms as the first U.S. president, from 1789 to 1797. The son of a prosperous planter, Washington was raised in colonial Virginia.

George Washington <

1st U.S. President



George Washington was an American political leader, military general, statesman, and Founding Father who also served as the first president of the United States from 1789 to 1797. [Wikipedia](#)

Born: February 22, 1732, [Westmoreland County, VA](#)

Died: December 14, 1799, [George Washington's Mount Vernon, Mount Vernon, VA](#)

Presidential term: April 30, 1789 – March 4, 1797

Children: [John](#) (adopted); Patsy (adopted)

Spouse: [Martha Washington](#) (m. 1759–1799)

Cool.

Why does this matter for data curation?

F.A.I.R

*The infrastructure of the Web (content and presentation)
increasingly mediates findability and accessibility*