Jon Organ

CS677

Assignment 5, Presidents

**Question 1:**

CSV loaded into frame and living presidents removed...

**Question 2:**

Pie chart of political affiliation generated...

A pie chart with different colored circles

Description automatically generated

**Question 3:**

Yes, some presidents switched political parties

**Question 4:**

Pie chart of religious affiliation by Federalist party generated...

A blue circle with black text

Description automatically generated

Pie chart of religious affiliation by Democratic-Republican party generated...

A pie chart with text on it

Description automatically generated

Pie chart of religious affiliation by Democratic party generated...

A colorful pie chart with text

Description automatically generated

Pie chart of religious affiliation by Whig party generated...

A blue and orange pie chart

Description automatically generated

Pie chart of religious affiliation by Republican party generated...

A colorful pie chart with text

Description automatically generated

**Question 5:**

18th century median age for Federalist party is 61.34

19th century median age for Federalist party is N/A (no presidents of this party for this century)

20th century median age for Federalist party is N/A (no presidents of this party for this century)

Line chart of start age by Federalist party generated...

A graph with numbers and lines

Description automatically generated

18th century median age for Democratic-Republican party is N/A (no presidents of this party for this century)

19th century median age for Democratic-Republican party is 57.93

20th century median age for Democratic-Republican party is N/A (no presidents of this party for this century)

Line chart of start age by Democratic-Republican party generated...

A graph with a line

Description automatically generated

18th century median age for Democratic party is N/A (no presidents of this party for this century)

19th century median age for Democratic party is 54.24

20th century median age for Democratic party is 55.24

Line chart of start age by Democratic party generated...

A graph with blue lines

Description automatically generated

18th century median age for Whig party is N/A (no presidents of this party for this century)

19th century median age for Whig party is 64.27

20th century median age for Whig party is N/A (no presidents of this party for this century)

Line chart of start age by Whig party generated...

A graph with a line

Description automatically generated

18th century median age for Republican party is N/A (no presidents of this party for this century)

19th century median age for Republican party is 53.02

20th century median age for Republican party is 55.68

Line chart of start age by Republican party generated...

A graph with a line

Description automatically generated

There doesn't appear to be any trends amongst the median age of presidents by century

and party. This could be due to a relatively small sample size.

**Question 6:**

Franklin D. Roosevelt is the only one with a law degree, he was affiliated with the Democratic party.

**Question 7:**

Pie chart of level of education generated...

A chart with text on it

Description automatically generated

**Question 8:**

The average percentage of budget allocated to defense: 49.992%

The median percentage of budget allocated to defense: 49.0%

**Question 9:**

1st thing I've learned is how to use pandas much better

2nd thing I've learned is Bill Clinton was a rhodes scholar

3rd thing I've learned is many more presidents than I thought never graduated college