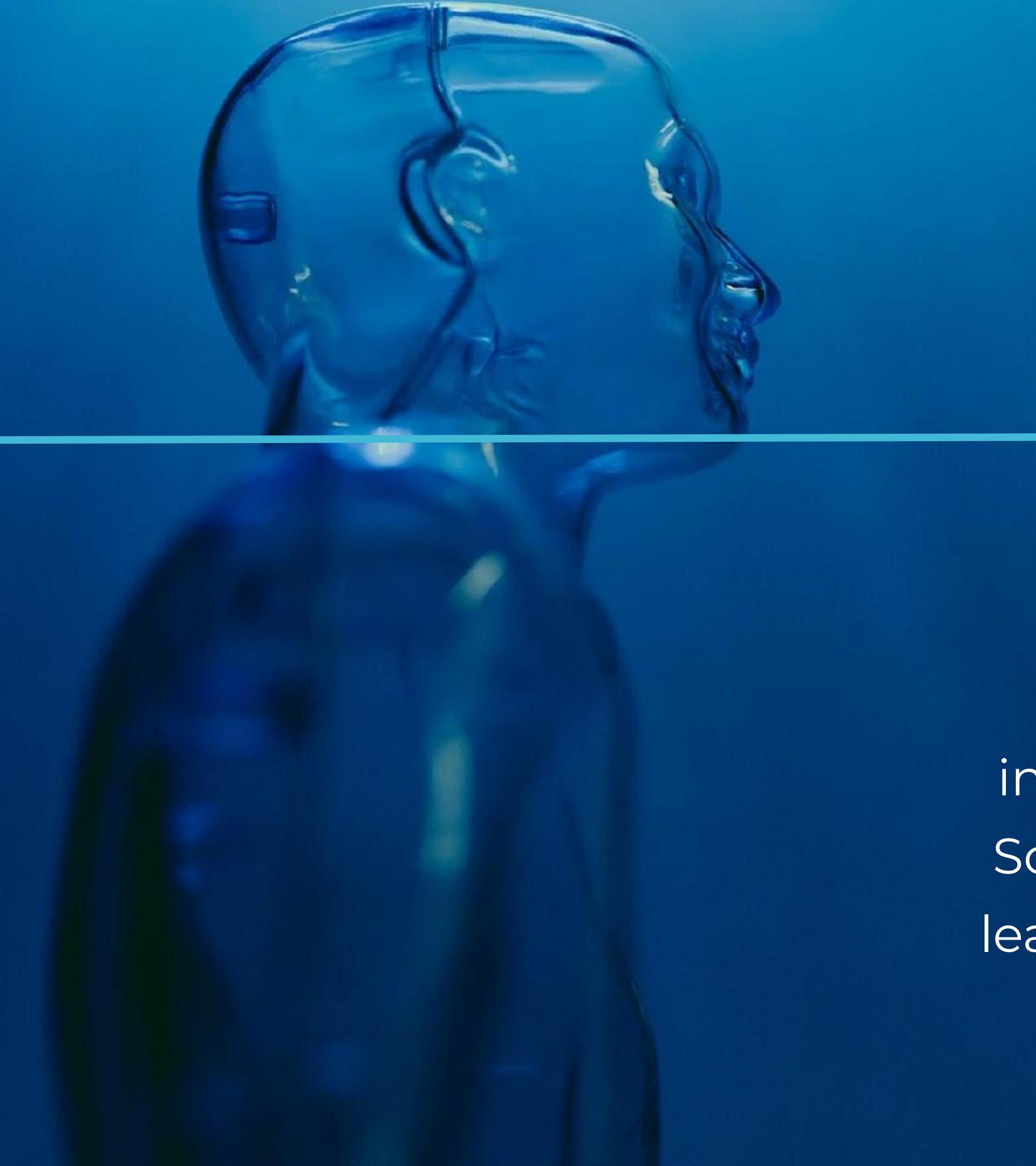




# AN ANALYSIS— WOMEN IN POLITICS



BY EMILE SHAH



# WHO AM I?

My name's Emile Shah. I am an incoming freshman interested in the intersection of tech and foreign policy! Some of my hobbies include language learning, reading, watching anime, and baking!

# THE DATA I CHOSE

politics.csv



**“IN POLITICS, IF YOU WANT  
ANYTHING SAID, ASK A MAN;  
IF YOU WANT ANYTHING  
DONE, ASK A WOMAN.”**

— Margaret Thatcher



# WHAT IS THE DATA?

ccode	country	leader	elected	age	male	militarycareer	tenure_months	government
2	USA	Trump	1	74	1	0	40	Presidential Democracy
20	Canada	Trudeau	1	49	1	0	54	Parliamentary Democracy
31	Bahamas	Hubert Minnis	1	66	1	0	36	Parliamentary Democracy
40	Cuba	Raul Castro	1	89	1	1	147	Party-Personal
41	Haiti	Jovenel Moise	1	52	1	0	39	Presidential Democracy
42	Dominican Rep	Danilo Medina	1	69	1	0	93	Presidential Democracy
51	Jamaica	Holness	1	48	1	0	50	Parliamentary Democracy
52	Trinidad and Tobago	Rowley	1	71	1	0	56	Parliamentary Democracy
53	Barbados	Mia Mottley	1	55	0	0	24	Parliamentary Democracy
54	Dominica	Roosevelt Skerrit	1	48	1	0	196	Parliamentary Democracy
... (184 rows omitted)								

The data here includes country, current leader, their age, whether they have spent time in the military, the length of their tenure, the government, and whether they are male or not!

# WHY I CHOSE THIS DATA

I wanted to see what countries and policy systems seem to encourage more female participation and why.

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By utilizing a more numerical analysis of the countries that encourage female leaders, we can identify characteristics of these countries.



# WHAT DID THE DATA SHOW?

politics.csv

**7.21%**

Of political leaders worldwide are women.

**14 out of 194**

Worldwide leaders are women

**0 women**

Compared to 27 men come from military  
careers

```
politics_women = politics.where("male", are.equal_to(0))
num_politics_women = politics_women.num_rows
num_politics = politics.num_rows
percentage_women = num_politics_women/num_politics * 100
percentage_women
```

7.216494845360824

```
politics_mw = politics.group("male")
politics_mw
```

male	count
0	14
1	180

```
military_politics = politics.where("militarycareer", are.equal_to(1))
military_politics_men = politics.where("male", are.equal_to(1))
military_politics_men_num = military_politics_men.where("militarycareer", are.equal_to(1))
military_politics_women = politics.where("male", are.equal_to(0))
military_politics_women_num = military_politics_women.where("militarycareer", are.equal_to(1))
#military_politics_men_num
military_politics_women_num
```

ccode country leader elected age male militarycareer tenure\_months government anticipation

# GOVERNMENTS

What governments provide the most opportunity for female participation?

The governments with the most amount of women seem to be Parliamentary Democracies. Therefore, we can conclude that perhaps these governmental systems provide the most freedom for women to become involved in their political systems.

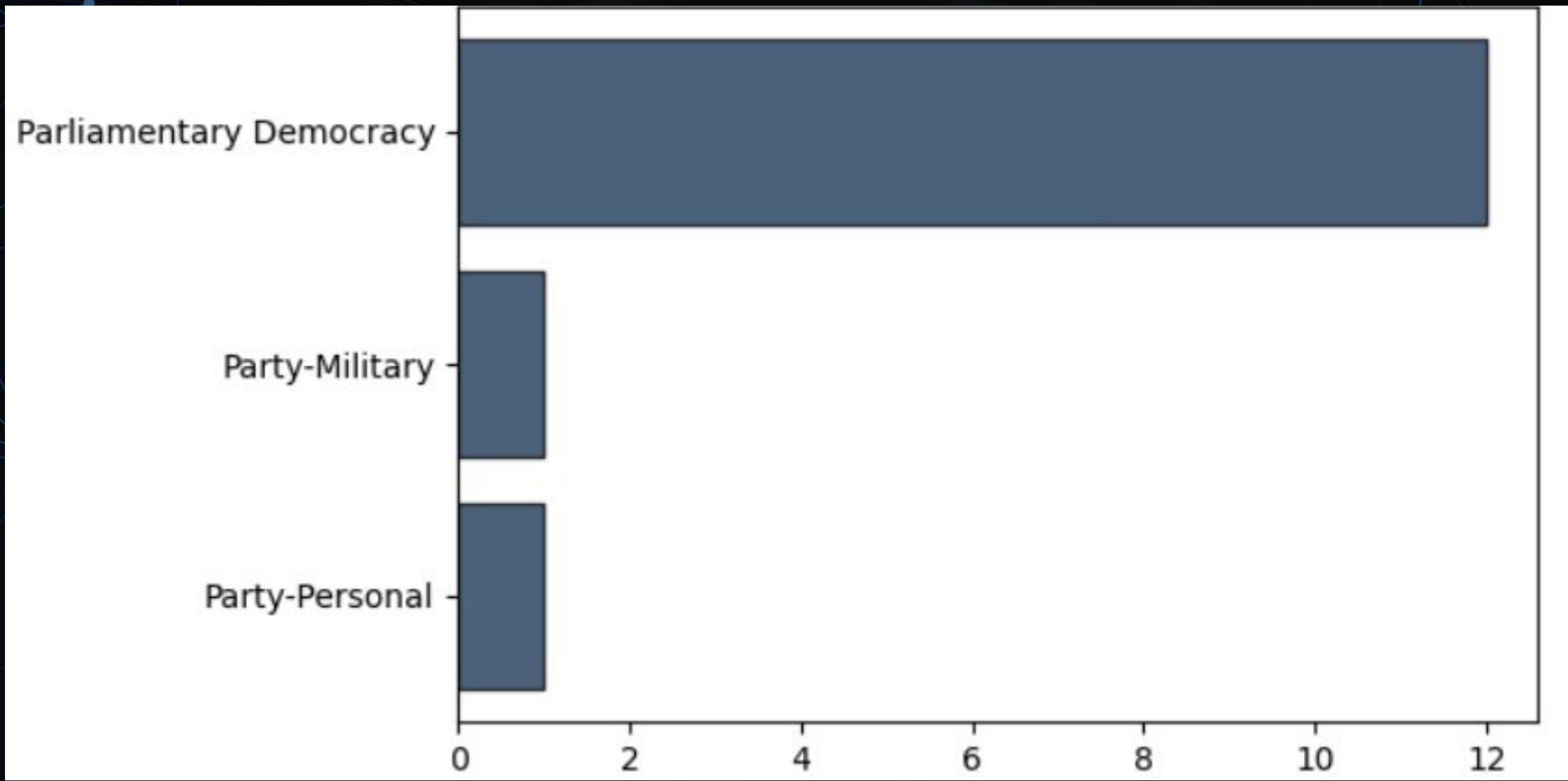
```
politics_men_type = politics_men.groupby("government")  
politics_men_type
```

government	count
Dominant Party	15
Foreign/Occupied	2
Military	1
Military-Personal	2
Monarchy	13
Parliamentary Democracy	62
Party-Military	1
Party-Personal	7
Party-Personal-Military Hybrid	1
Personal Dictatorship	18
... (3 rows omitted)	

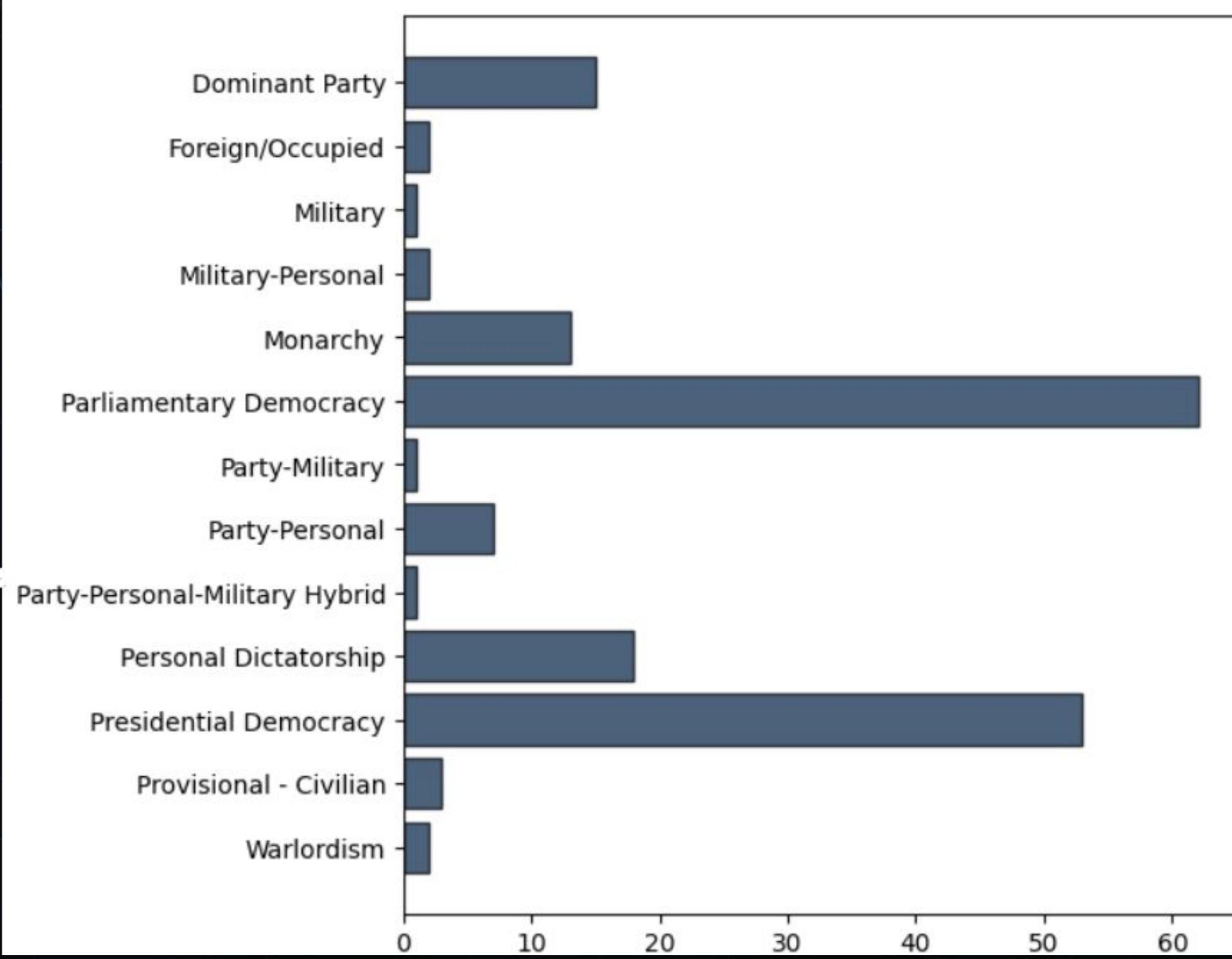
```
politics_women_type = politics_women.groupby("government")  
politics_women_type
```

government	count
Parliamentary Democracy	12
Party-Military	1
Party-Personal	1

# ADDITIONAL GRAPHS



# ADDITIONAL GRAPHS



# SOLUTIONS

What can we do about  
the conclusions on  
politics.csv?



# WHY IS THERE SUCH A LOW PROPORTION OF WOMEN?

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## THE LAW

Very few countries actually have specific laws preventing women from participating in government. Despite this, in 18 nations around the world, women cannot get jobs without male permission, or face other barriers.

## THE MEDIA

Often, local news media and/or state-run media repeat the views and values of those in power. Many politicians in these countries erect barriers preventing women from joining politics. In addition, internet usage and differing views are monitored.

## TIME

The median age of current national leaders is around 62. Although countries have slowly allowed women to enter politics, it has taken time for women to enter the field.

# SOLUTIONS

- Partisan advocacy organizations can support female candidates.
- Encourage candidates to run on women's issues.
- Spread pro-feminist literature and articles throughout internet circles of a country.



# THANK YOU!

Thank you for your time :)

# CREDITS

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HAPPY DESIGNING!

