RESEARCH TOPIC Artificial intelligence (AI) and machine learning between the United States and North Korea.

INTRODUCTION The United States has been presented with conce

US President Donald Trump and North Korean lea numerous occasions. President Trump has also s unexpected comments on social media (i.e., Twitte

By applying AI and ML technologies in internationa simplification and transparency of the process of o better understanding of the diversity and complexi

DATA AND FINDINGS: Themes

 Different ideologies between US and North Korea ➤ US : Liberalism ➤ North Korea : Juche "self-reliance" 	To avoid any misunderstandings, there should use Al/ML Step 1 : Analyze the history/data with A - developed with own ideology teaching Step 2 : Interpret the result by opponent
Connections to the countries around US and North Korea: especially, South Korea, China, Japan, and Russia	 All moves to North Korea are connect The Al analysis should be shared with Series of Top meetings * CN – N.K (3/25/2018), US-JP (4/17), * US – N.K (May or June 2018), Russ
Develop secure information transaction framework and AI/ML system with worldwide responsibility	Information/Data transaction must be Holds crucial data that could start → Blockchain technology could be International and neutral organizat take the lead.
To Resolve the conflict	ACKNOWLEDGEMENTS





Improving Relations between the U.S. and North Korea with AI or ML

¹Palo Alto High School, ²Independent

g (ML) will help us improve current relations		RE
erns towards its foreign policy with North Korea.		
eader Kim Jong Un have exchanged insults on surprised members of his own cabinet through his ter).		
nal relations improvement, we can expect decision making. This will also help in getting a kity of the cultures and ideologies of the world.		* Be
	L	

/ REFERENCES Special thanks to Hillary McDaniel, Deana Chute, and my mentor Jeff Langston for helping make this project possible. **Works Cited:**

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ESEARCH METHODOLOGIES

Inquiry Approach

Research what the past history was between the US and North Korea to look for future solutions to the conflict between the two countries.

Before Trump vs. Trump era

Data Analysi

- Identify the decision ma framework of US
- Specify the process that AI/ML technology can used instead of human

* While humans all generation have some bias, AI or ML look at the issue from a n point of view with a lot mo information in its databas

e are 2 steps to how we

data nt Al

ected to the nations around it vith the countries

safe from hacking t a war if stolen be potential candidates

ations like the U.N. need to

CONCLUSIONS, IMPLICATIONS, AND NEXT STEPS

Having AI/ML as a tool and a guiding source for making international decisions is a great idea, but having an AI/ML system hold this much data about nations all around the world is also a big danger. Security for the information is crucial.

We have to spend more time focusing on "how to use it" instead of just improving the technology of AI/ML

Emphasize human perspective - Too much Al influence could be dangerous





is	Data Collection
naking hat be ns rally L can heutral hore se.	 I interviewed: A Sony Employee Paly teachers The Stanford program for IR Member of the Palo Alto High School Model UN.

If the AI/ML system and the outputs of it are shared across countries, we could simplify global issues and minimize misunderstandings between nations.



Determine how to adjust to the changing relationships between the nations