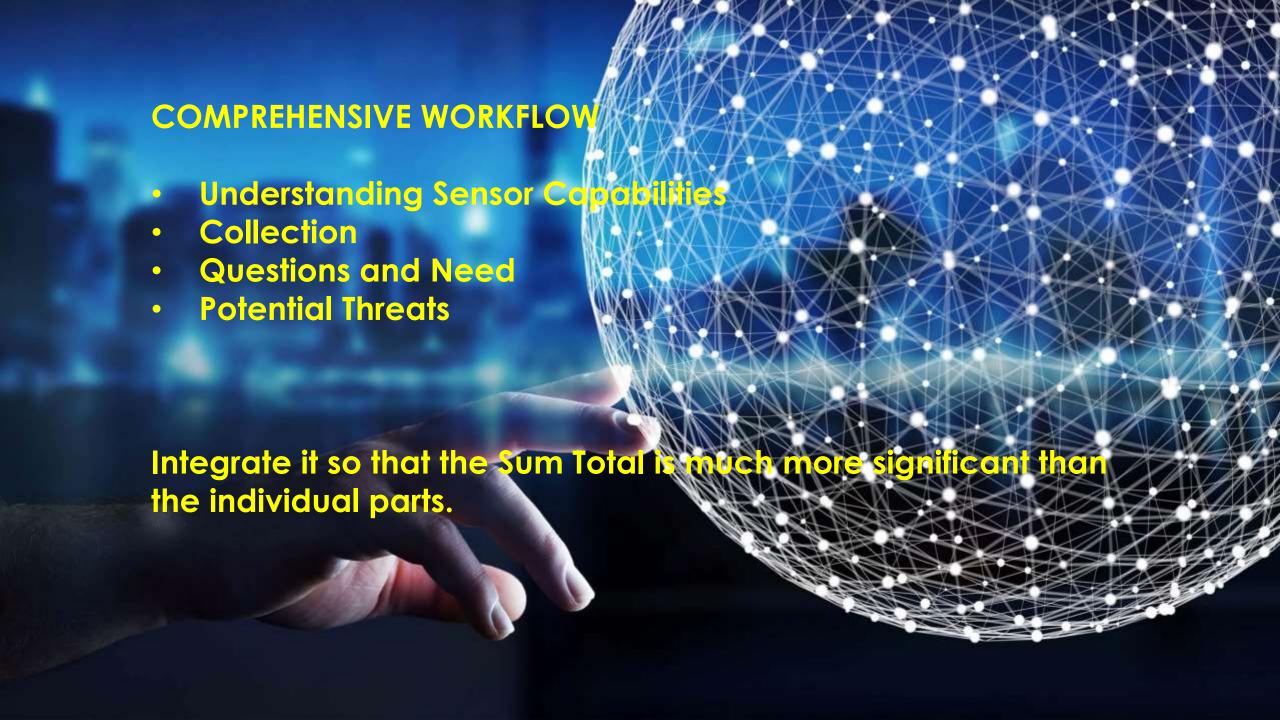




101101010101010101 More than 400 Satellites Appx 600 TB of data on regular basis Data Deluge ACRIMSAT Suomi NPP GRACE CALIPSO





- <u>Timeliness</u> Products and/or content are published when I need them.
- Responsiveness My requests are promptly addressed.
- Reliability Products and/or content are consistent in their level of quality.
 - **Accuracy** Products and/or content accurately reflect ground truth.
- Relevance Products and/or content are pertinent to my needs.
- <u>Usefulness</u> I can apply products and/or content to my mission.
- <u>Discoverability</u> I can easily find the products and/or content I need.
- Accessibility I can get products and/or products in the format in which I need it.

MILITARY INTELLIGENCE



What strangers think! do



What my family thinks I do



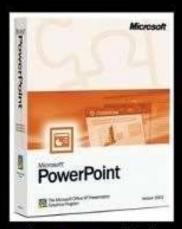
What my recruiter said I would do



What Hollywood thinks I do



What I think I do



What I actually do

INTELLIGENCE ANALYST

noun.[in-tel-i-juh ns an-l-ist]

Someone who does precision guesswork based on unreliable data provided by those of questionable knowledge.

See also wizard, magician

Data Analyst

They figure out what the data means

Technical Skills

Data analysts typically use computer systems and complex calculations applications to get their numbers nailed down, but there is still a lot of intellectual know how that goes into making these systems work.

Applications

How do Data Analysts use thus data

13%	Extrapolation and interpretation
44%	Projections and Advisory Responsibilities
32%	Research and Writing Tasks
19%	System Expertise and Troubleshooting
7%	Training

Purpose

Their job is to assign numerical values to different business functions, and are responsible for identifying effeciencies, problem areas, and possible improvements.

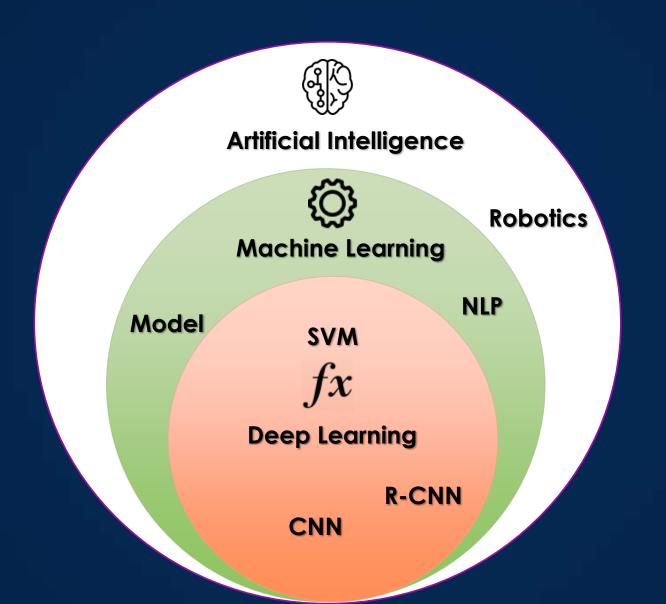
Data

What do they do with all the statistical data?

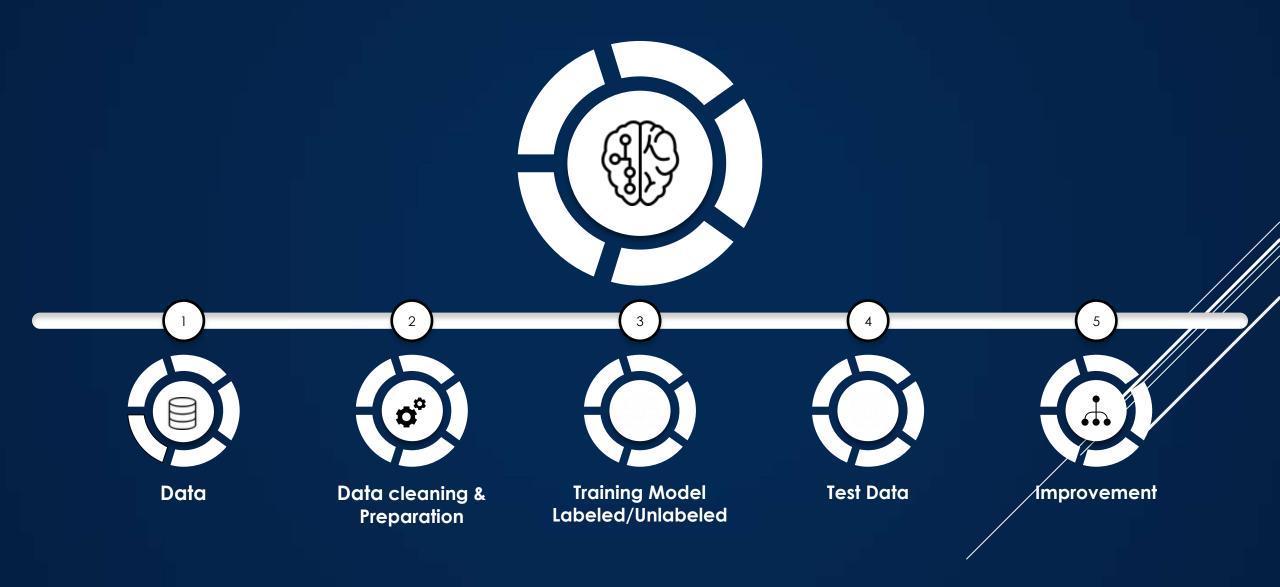
Collect	51%
Organize	11%
Interpret	22%
Study	14%
Apply	31%

Why

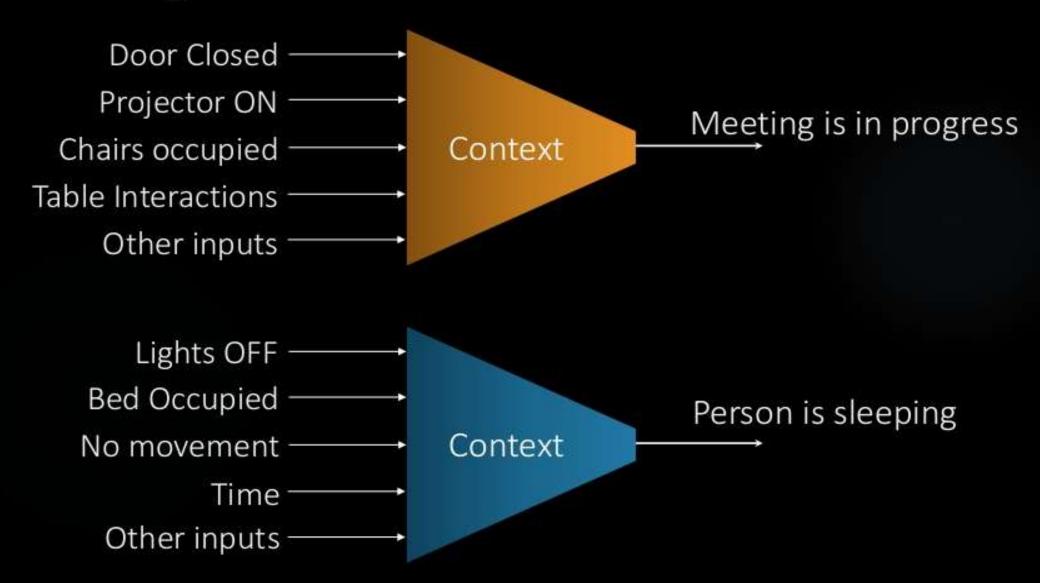
This is a process of inspecting, cleaning, transforming, and modeling data with the goal of discovering useful information.



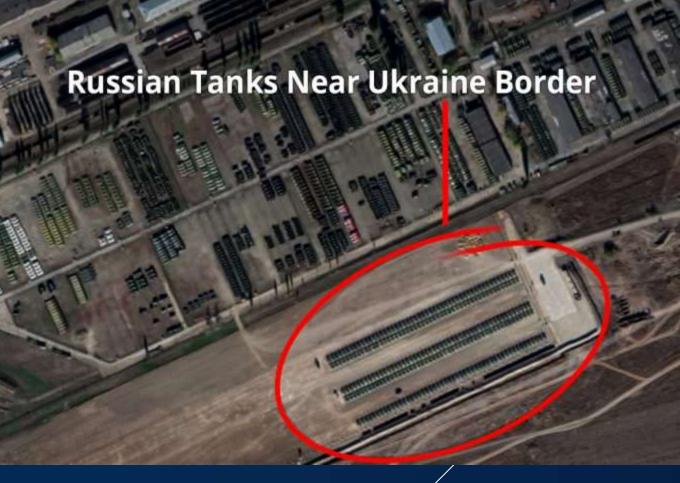
MACHINE LEARNING WORKFLOW FOR ANALYSIS

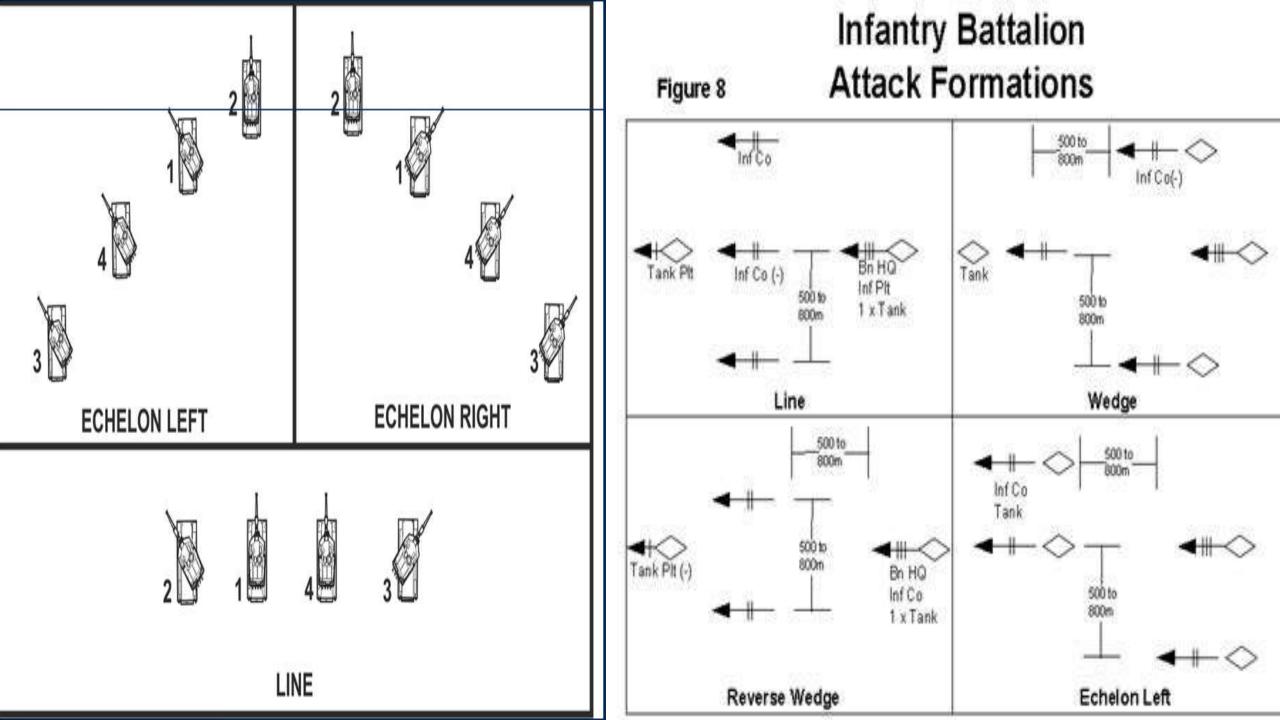


Building Context











- Understanding the context:--- Use Cases
- ► Reasoning
- ▶ Data Quality

