
Galisteo Consulting Group, Inc.

A small consulting firm offering services and research in national security and policy analysis. A dynamic resource for businesses and government agencies during times of change.

October 24, 2023

IARPA BENGAL Proposers' Day



Presenter: Peter Chew, President
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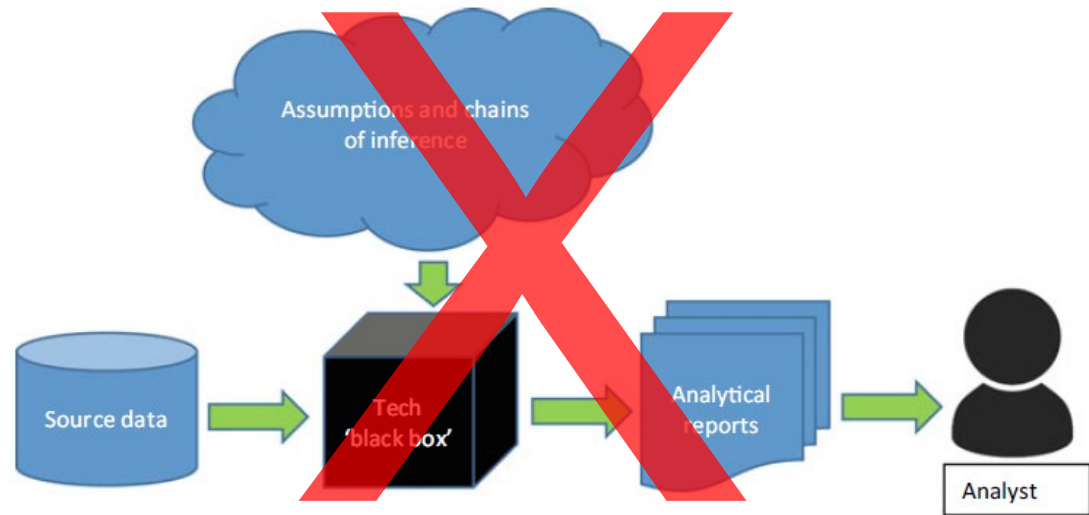
My background



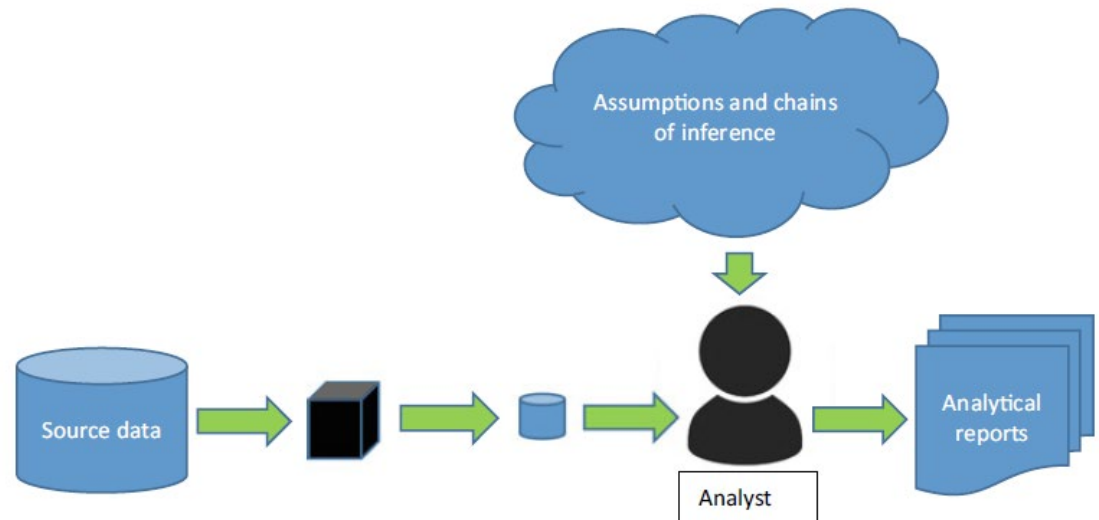
- (Computational) linguist / NLP
 - Undergrad: Russian & Polish language & literature
 - Doctoral thesis: Russian computational linguistics
 - Multilingual NLP
 - Disinformation
 - Generalized applications of NLP to big data problems in government, industry
- Russia and East Europe area expertise
- Data analytics for fraud investigation
- Patents
 - Identifying 'fringe beliefs'
 - Identifying propaganda in social media
 - Anomaly detection and pattern matching
- Industry (Big 6) and Govt. experience
 - Gamut from R&D to consulting to production systems

Our view of NLP's role


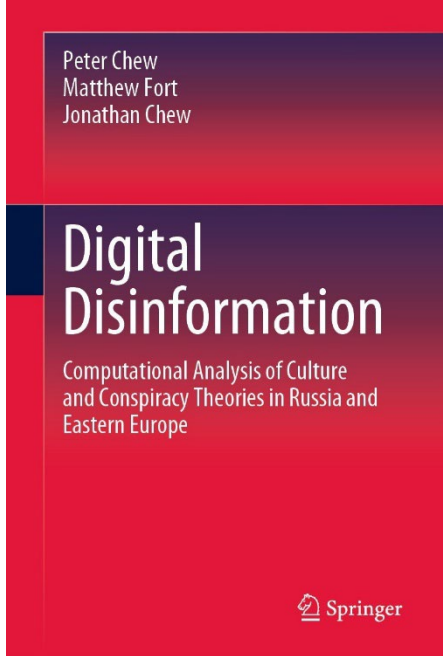
Bad – the
'Rube
Goldberg'
machine



Good – human
and machine
do what
they're best at



Our interest in IARPA BENGAL (1)

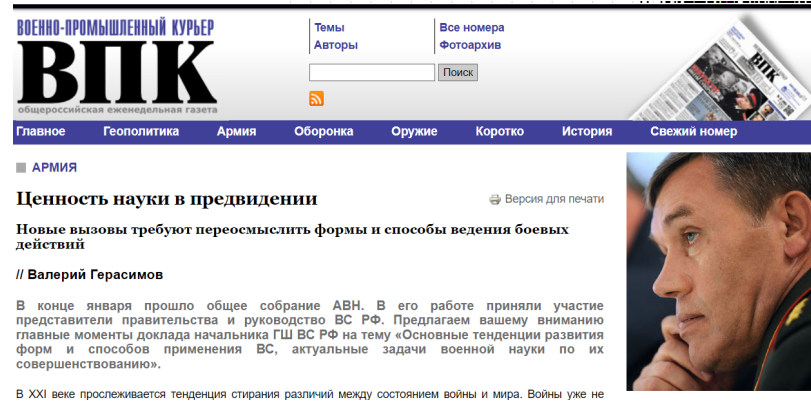
What IARPA wants	Our relevant work
 <p>'safe uses of LLMs for... applications including the rapid summarization and contextualization of information relevant to the IC'</p>	 <p>...and much more...</p>

Book: Chew et al 2023: Digital Disinformation: Computational Analysis of Culture and Conspiracy Theories in Russia and Eastern Europe

Paper: Chew 2018: Exposing bot activity with PARAFAC tensor decompositions

Propaganda and 'fringe beliefs'

Drawing upon
adversary
thinking...



ВПК
общероссийская еженедельная газета

Темы: Все номера
Авторы: Фотоархив

Поиск

Главное Геополитика Армия Оборонка Оружие Коротко История Свежий номер

■ АРМИЯ

Ценность науки в предвидении


Версия для печати

Новые вызовы требуют переосмыслить формы и способы ведения боевых действий

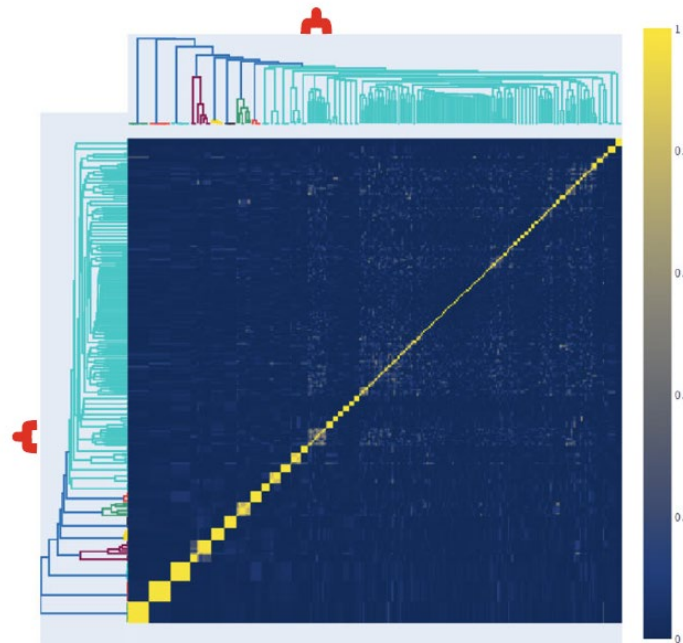
// Валерий Герасимов

В конце января прошло общее собрание АВН. В его работе приняли участие представители правительства и руководство ВС РФ. Предлагаем вашему вниманию главные моменты доклада начальника ГШ ВС РФ на тему «Основные тенденции развития форм и способов применения ВС, актуальные задачи военной науки по их совершенствованию».

В XXI веке прослеживается тенденция стирания различий между состоянием войны и мира. Войны уже не



And connecting it
with state-of-the-
art data analytics
and NLP to help
us gain situational
awareness



Galisteo's roles – past and now



- We are interested in being a *sub / consultant*
 - **Can you use our out-of-the-box NLP thinking?**
- We've been prime & sub to the US Govt previously – & have clearances
 - Office of Naval Research
 - DOE National Labs, other FFRDCs
 - IC
 - AFRL
 - IRS
 - Dept of the Interior
 - ...and more
- Also industry experience

Please reach out!

Dr. Peter A. Chew, D.Phil., CPA, CFE
President & Principal Investigator

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