

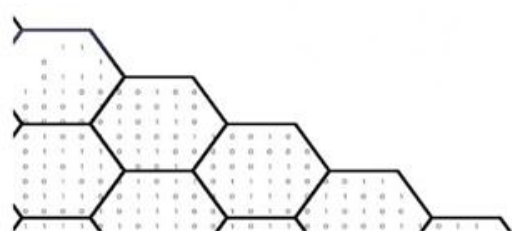
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Connect the Disconnections From Disparate Data to Insightful Analysis

About Big Data and Intelligence



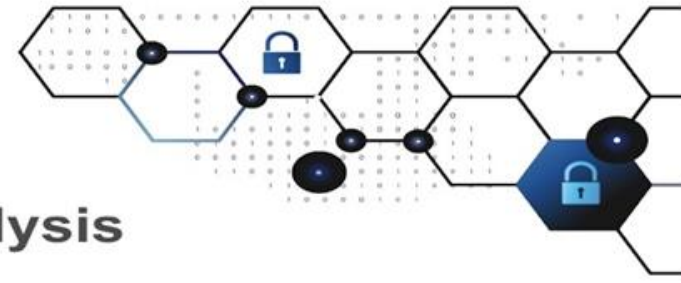
Teodora Mazăre
Alexandra Anghel



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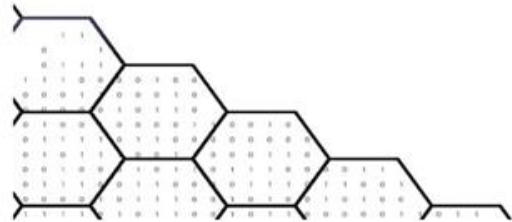
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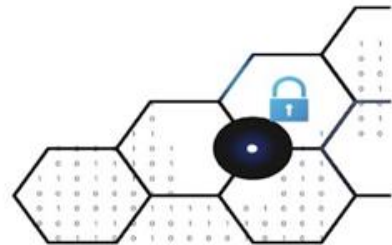
2.5 quintilion bytes
each day
2018



2020 – 2022
90% of the data in the world



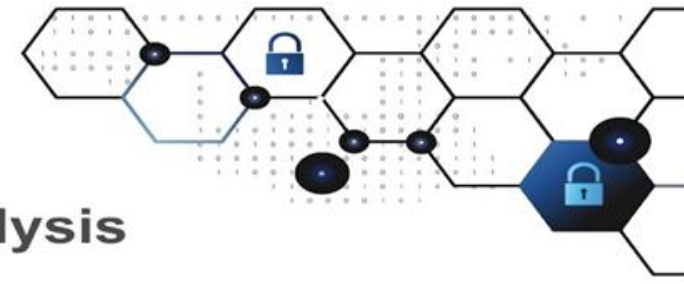
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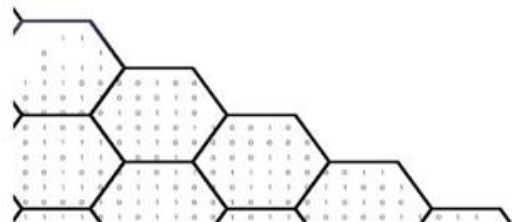


Every aspect of business is now open
to data collection.

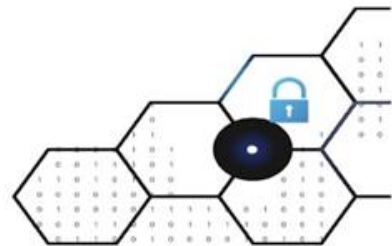


Information is
widely available.

Increasing interest in methods
for extracting useful information
and knowledge from data.



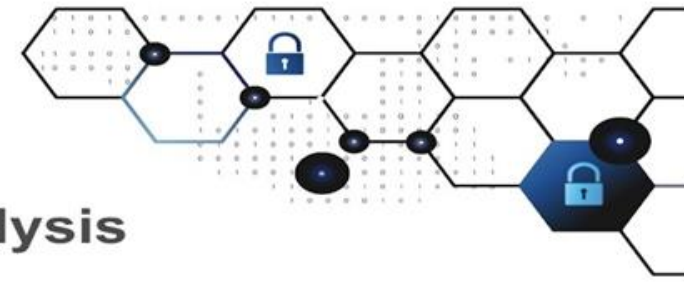
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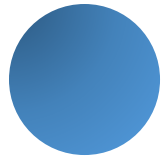
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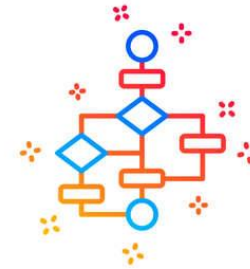
Availability of DATA.DATA.DATA.



MANPOWER IS OUTNUMBERED



COMPETITIVE ADVANTAGES



Descriptive
Explanatory
Predictive
Normative

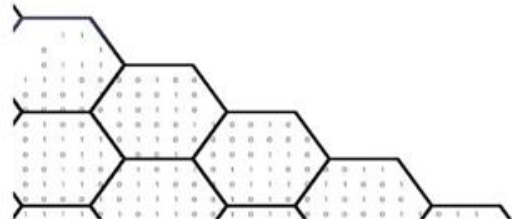
Assess similarity

Prediction algorithms

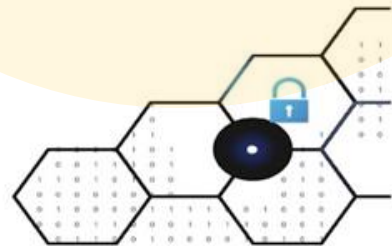
Recommendation algorithms

Information retrieval

Clustering



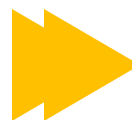
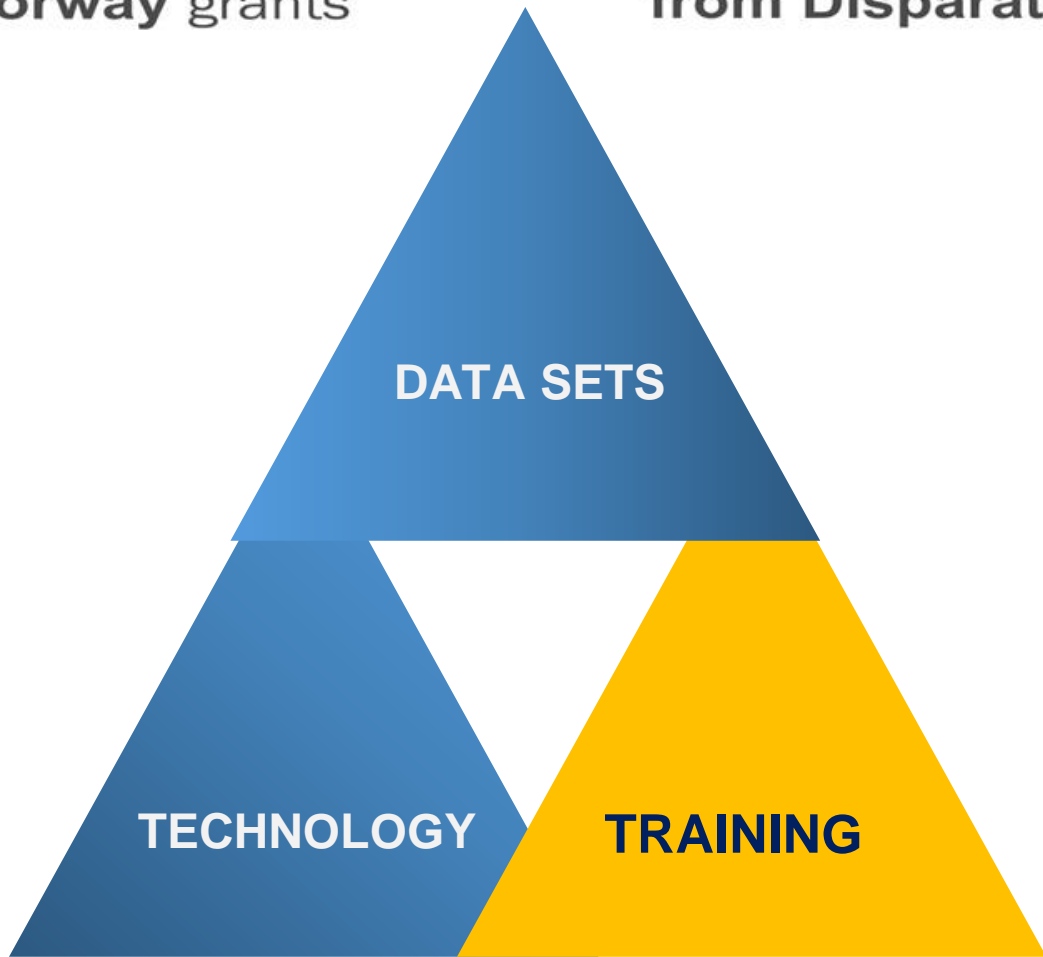
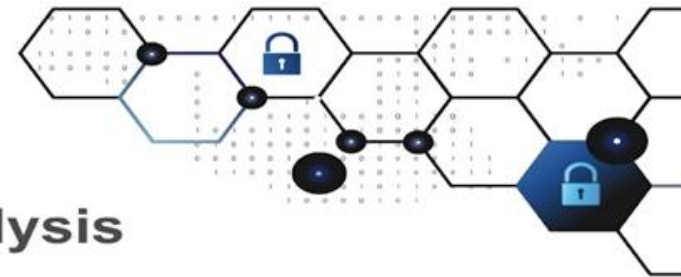
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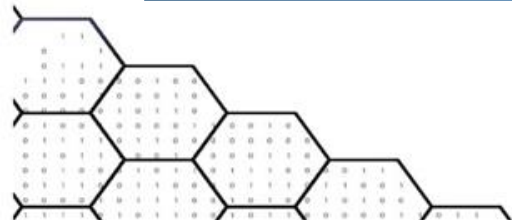
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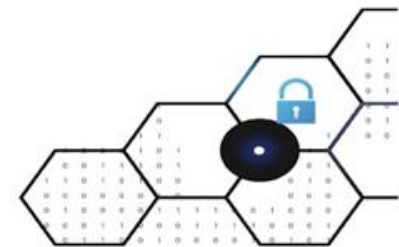
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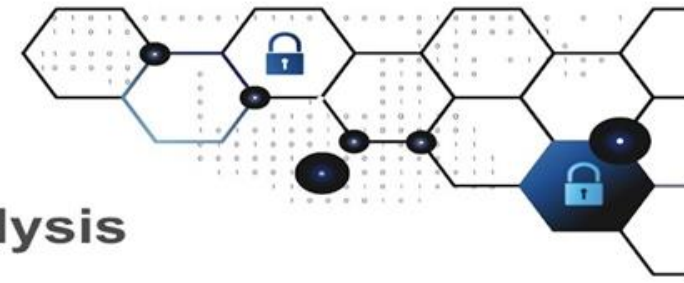


Education – prerequisite for performance
Sustains long term development
Target groups left unaddressed



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TARGET GROUPS

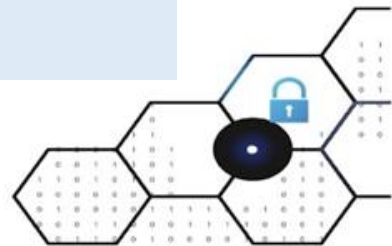
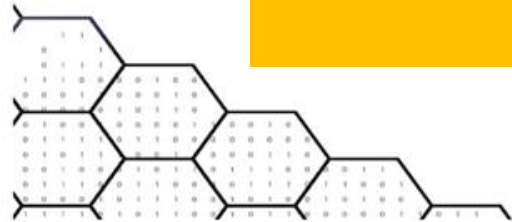
Governance & social scientists

Development of informed public policies
Discover social dynamics
Map the needs of vulnerable groups



Combating real-time evolving threats
Oversight

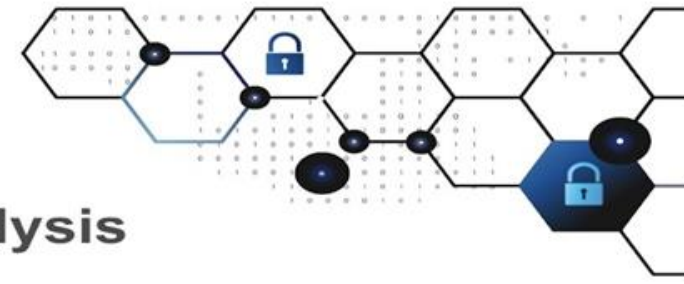
National security practitioners
LEAs & intelligence organizations



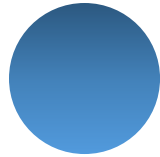
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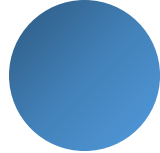
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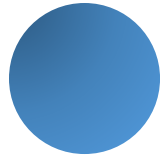
Objectives



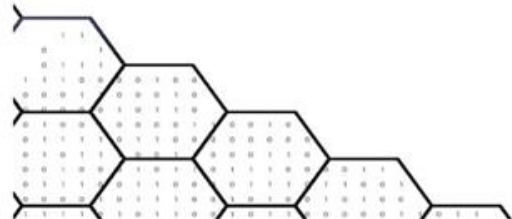
Data analysis – from implicit to explicit process



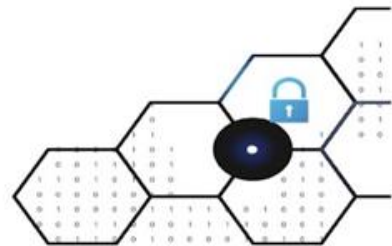
Transferable skills, independent of software solutions



Awareness of the legal framework at both national and European level



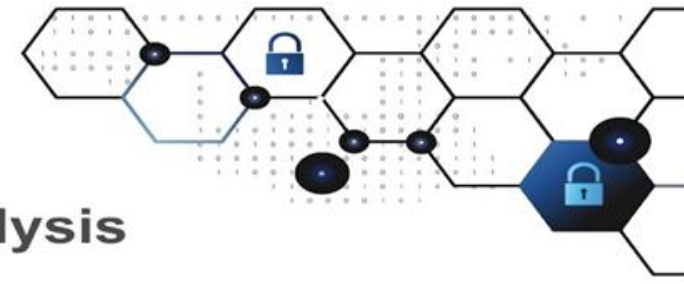
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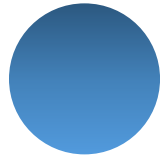
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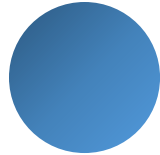
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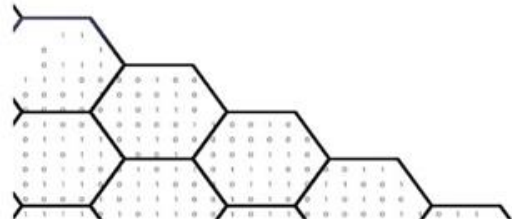
Deliverables



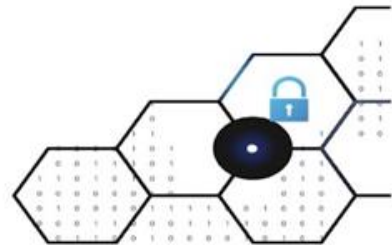
Course training
2 online sessions with students from all partner organizations

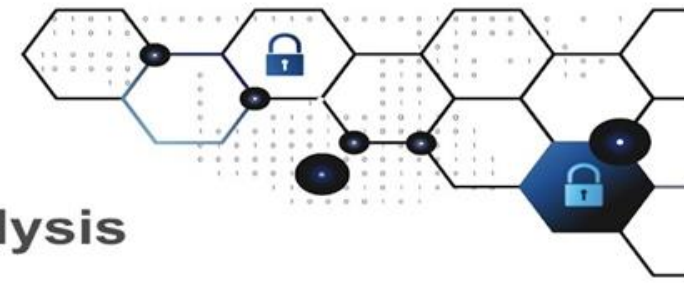


Online learning resource



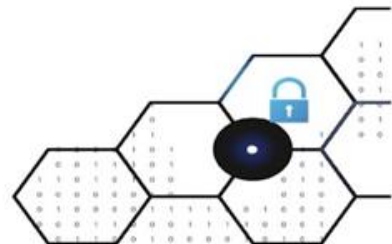
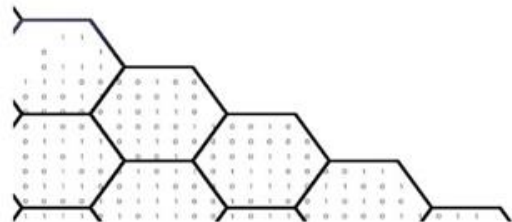
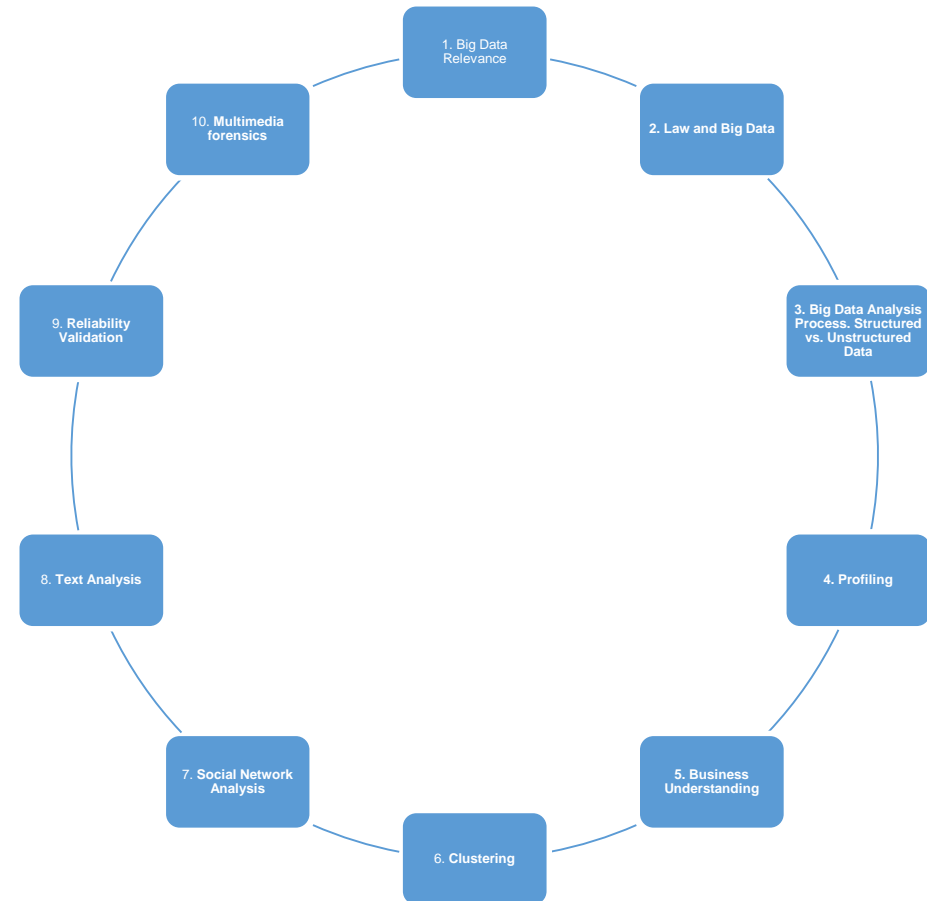
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10 modules developed

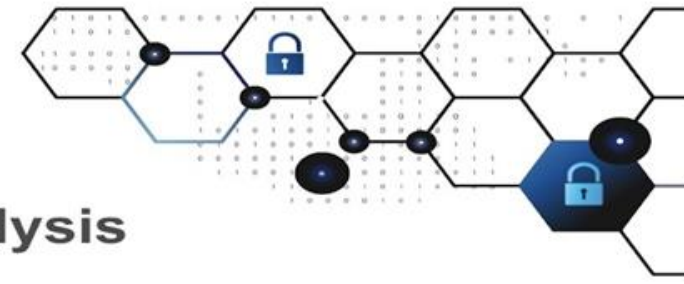
1. Big Data Relevance
2. Law and Big Data
3. Big Data Analysis Process. Structured vs. Unstructured Data
4. Profiling
5. Business Understanding
6. Clustering
7. Social Network Analysis
8. Text Analysis
9. Reliability Validation
10. Multimedia forensics



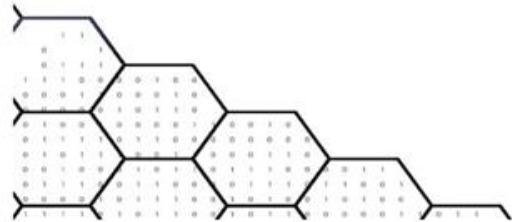
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THANK YOU
FOR YOUR
ATTENTION!



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