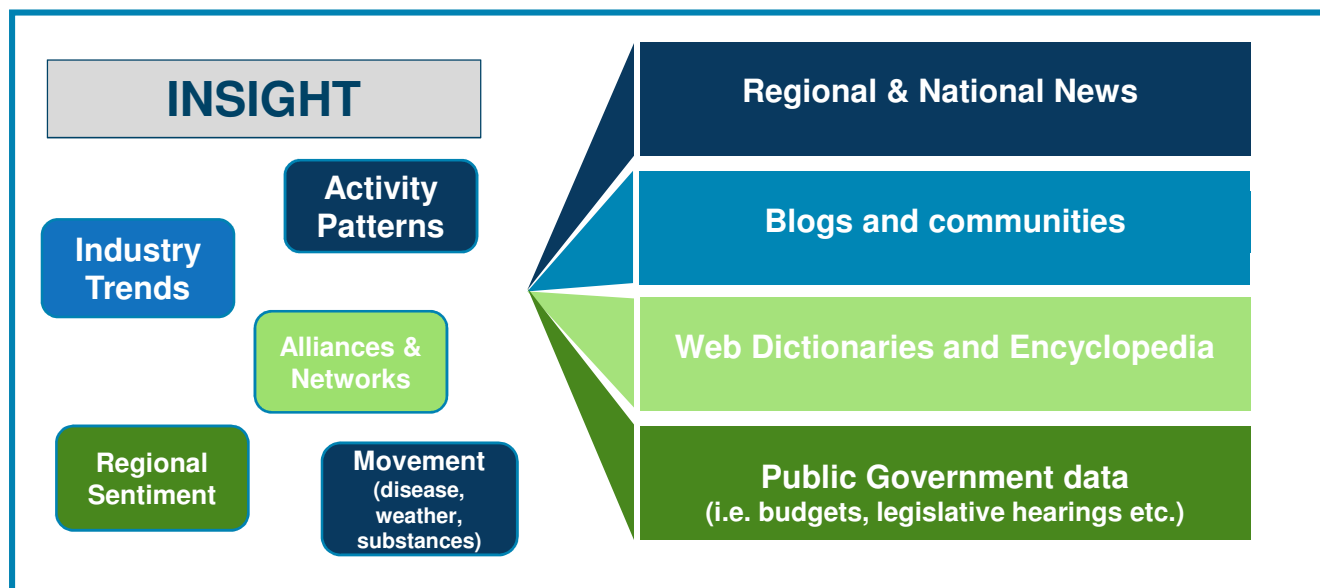# Project OSCAR – Open Source Cognitive Analyst Resource

The potential in Public Content
What's in the news, a web encyclopaedia, or public government data?

INSIGHT	
Industry Trends, Activity Patterns, Alliances & Networks, Regional Sentiment, Movement (disease, weather, substances)	Regional & National News
	Blogs and communities
	Web Dictionaries and Encyclopedia
	Public Government data (i.e. budgets, legislative hearings etc.)

What could be unlocked from millions of pages of news articles across regions? What information could be gleaned when that news is linked to the web encyclopaedias and a public government fact web site? Marrying this information could unlock insight across many industries:

Project OSCAR Use Cases

	Law	Medicine	Chemistry Engineering	Public Security
Use				
Focus	Trends in case outcomes Trends in legislation	Identifying novel treatment approaches, improving care pathways and hospital safety	Development of new designs, drugs or products	Identifying persons of interest, their networks, activities and plans
Value	**Potential Watson Insight** • Insight into how key legal issues are being resolved • Insight into legislative trends	**Potential Watson Insight** • News on novel therapies in development • Industry trends in care and safety • News on outbreaks	**Potential Watson Insight** • Comprehensive patent search • Similar inventions and designs • Innovative trends	**Potential Watson Insight** • Threat detection & plans • Recruitment activities • Regional unrest • Gangs and terrorist network activities
Users	Attorneys	Hospitals and Administrators	Engineers, Chemists, Biologists	Analysts, Law Enforcement and Military

Watson is a cognitive technology developed and owned by IBM®

The Value for Public Security

Cognitive computing can help accelerate breakthrough insights from publicly available content. It can enhance, scale and accelerate intelligence gathering. After harnessing millions of pages of publicly available information, deep natural language processing enables understanding complex questions. Then advanced algorithms reason through evidence and provide evidence based responses. Cognitive applications like project OSCAR (Open Source Cognitive Analyst Resource) can find evidence in regional news, public government web sites, and web encyclopaedias to help surface information that might otherwise not have been discovered.

Cognitive solutions can unlock the potential in public content leading to the discovery of new leads, sentiments, plans, actors, collaborators, alliances, movement, weapons and threats. Analysis and investigation is enhanced when you can look across diverse sources of information and connect the dots.

Examples of Enhancement

Identifying new actors and networks
Unlocking alliances between nations
Detecting new military plans
Identifying signals of a terrorist threat
Detecting shifts in sentiment or policy

Examples of Acceleration

Speeding the identification of a suspect
Accelerating strategy development
Speeding time to intervention
Detecting indicators of action, unrest or threat earlier

Examples Scale and Efficiency

Increasing number of leads
Reducing research time
Scaling the amount of information that can be evaluated
Facilitating agent collaboration

Imagine a situation where you are gathering information to formulate a strategy to deal with social unrest in a country that is a gateway to the rest of a region for terrorism. Understanding the extent and impact of that unrest, the factions involved, the reigning government's activities and military plans, the country's economic health and the surrounding countries' sentiments
and alliances are all critical pieces of information to gather.

What could reports of protests reveal about public sentiment?
What might web communities and blogs reveal about the plans of terrorist networks?
What might a country's public web site reveal about it's leader's policies?
What could a country leader's speech reveal about military strategy?
What might obituaries reveal about crime patterns?

Learn more about what you could discover.
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