



INTELLIGENCE DIGGERS

CHALLENGE 3 : RISK MANAGEMENT



MEET MY TEAM



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Statistics

**Planned
Expenditure:**
(2012)

\$1.3B

**Current
Expenditure:**
(2017)

\$3.5B

**Expected
Expenditure:**
(2018 - end)

\$8.5B

**Reason: Delayed identification of Social
and Environmental Risks**

Problem with Current Approach:



Huge data to
Process



Real Time
analysis is
Tough



Costly
Analysis

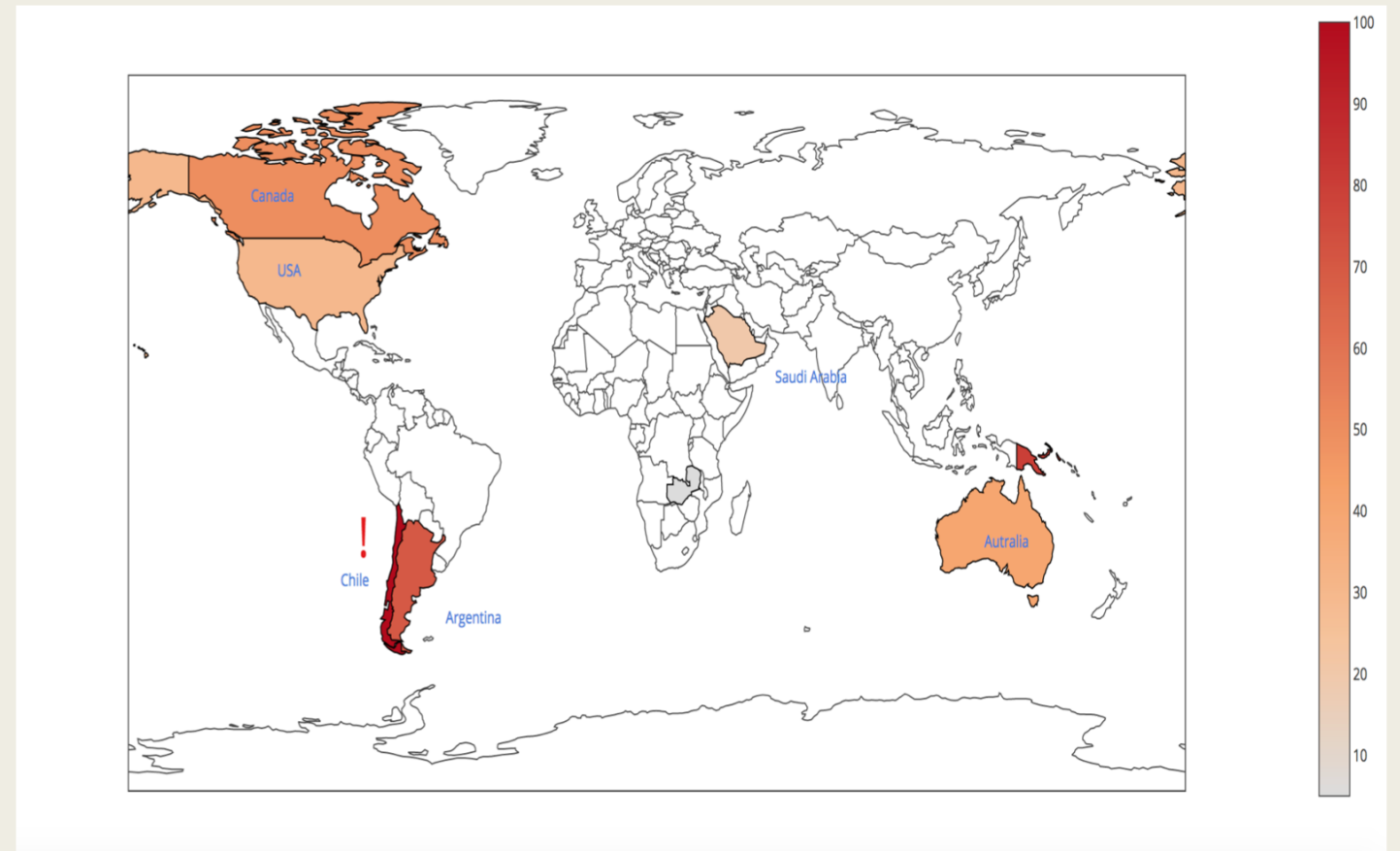
Intelligent Risk Analysis System

Components:

1. Global Risk Monitoring.
2. Mining Site Analyzer.

Global Risk Monitor

- High level global overview of all mining sites.

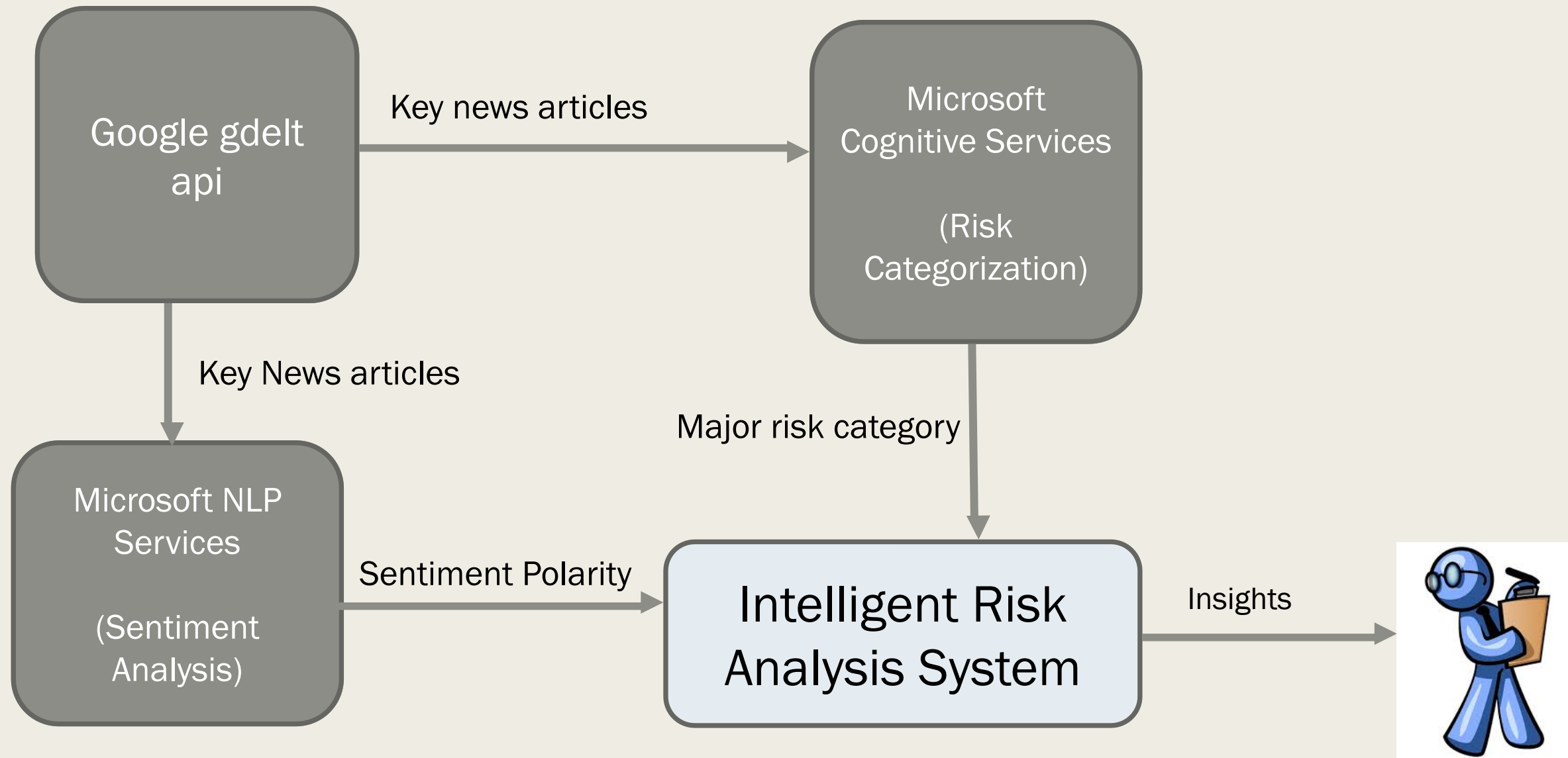


Mining Site Analyzer

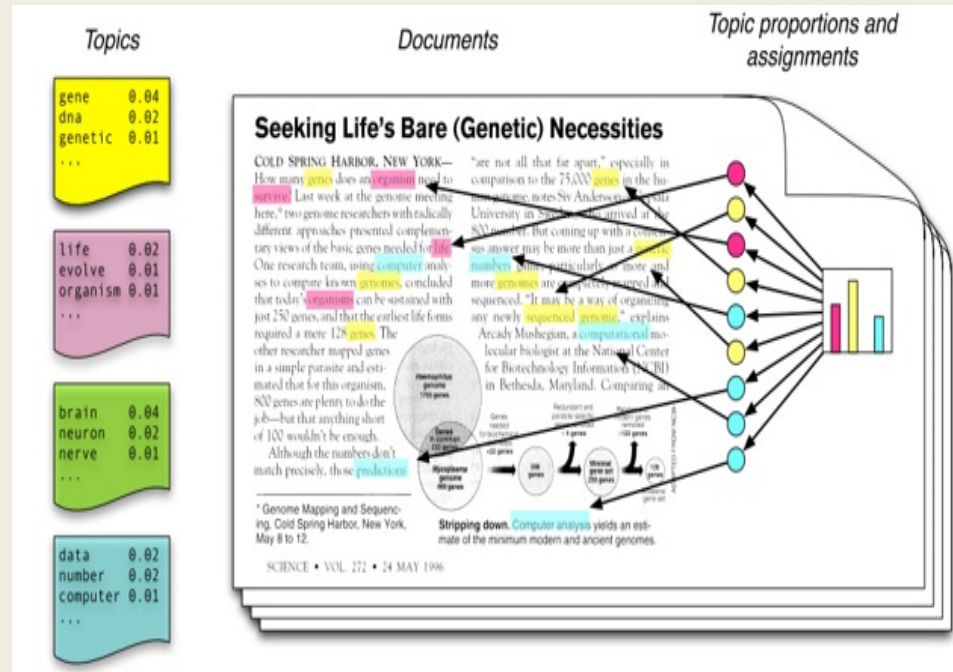
3 Major Insights:

1. Sentiment Polarity
2. Key news articles (Also local languages work)
3. Major risk category identification
4. Contextual plots based on major risk identified

How we Do it?



Future Scope



Text Summarization



Suggesting Plan of action

Thank You