

Capturing and Exploiting Data from across the Trade Ecosystem



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Leveraging the Power of Data

Local Data Sources

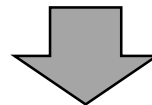
- Custom Data
- GST (Domestic supply chain data)
- Vehicle movement data (e-way bill data)
- Data from Other Govt Agencies
- Offence Database – Crime, Narcotics etc

Global Sources

- Customs Enforcement Network
- Trade data from UNCTAD, UN COMTRADE, WITS
- Alerts from other Customs agencies & Govts
- Data sharing agreements with other Country's Customs Authorities

Open Source

- Geospatial data
- Container/Vessel Tracking
- Business Network
- Social Media Platforms
- News Reports



Associated Challenges

Data Quality

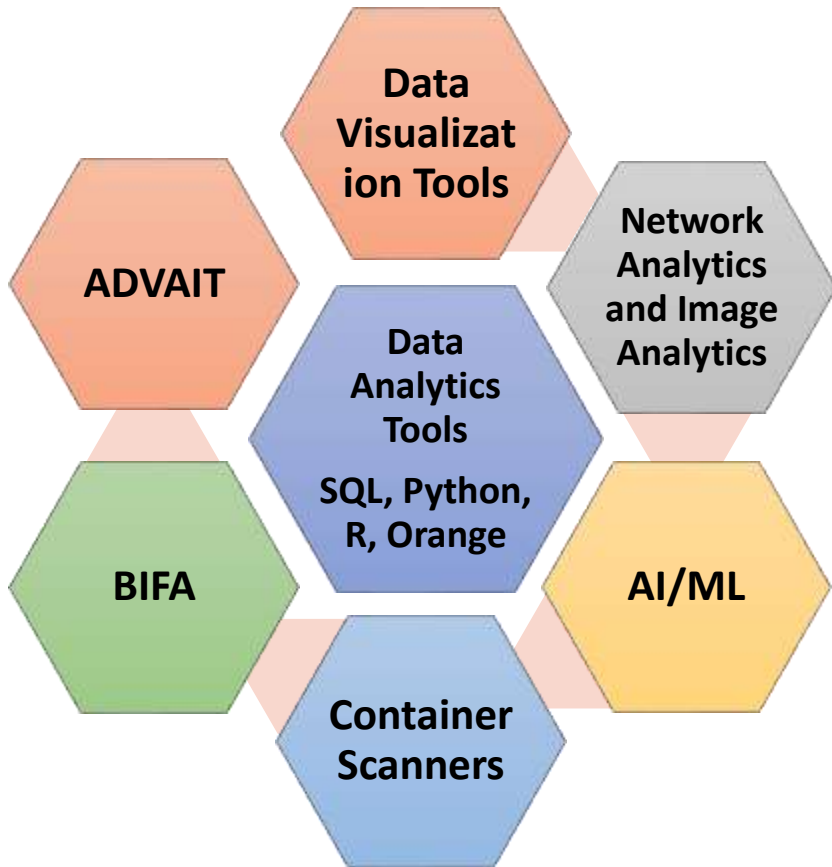
Unstructured data

Non-digital data

Non-validation of data

Privacy issues

Indian Customs initiative/projects leveraging power of data



Risk based targeting using AI & ML



AI & ML Based Image Analytics Tool



360 degree Risk Profiling Dashboards



Development of Input Output HSN Correlation tool



Hopping & Spurt models



Risky networks analysis

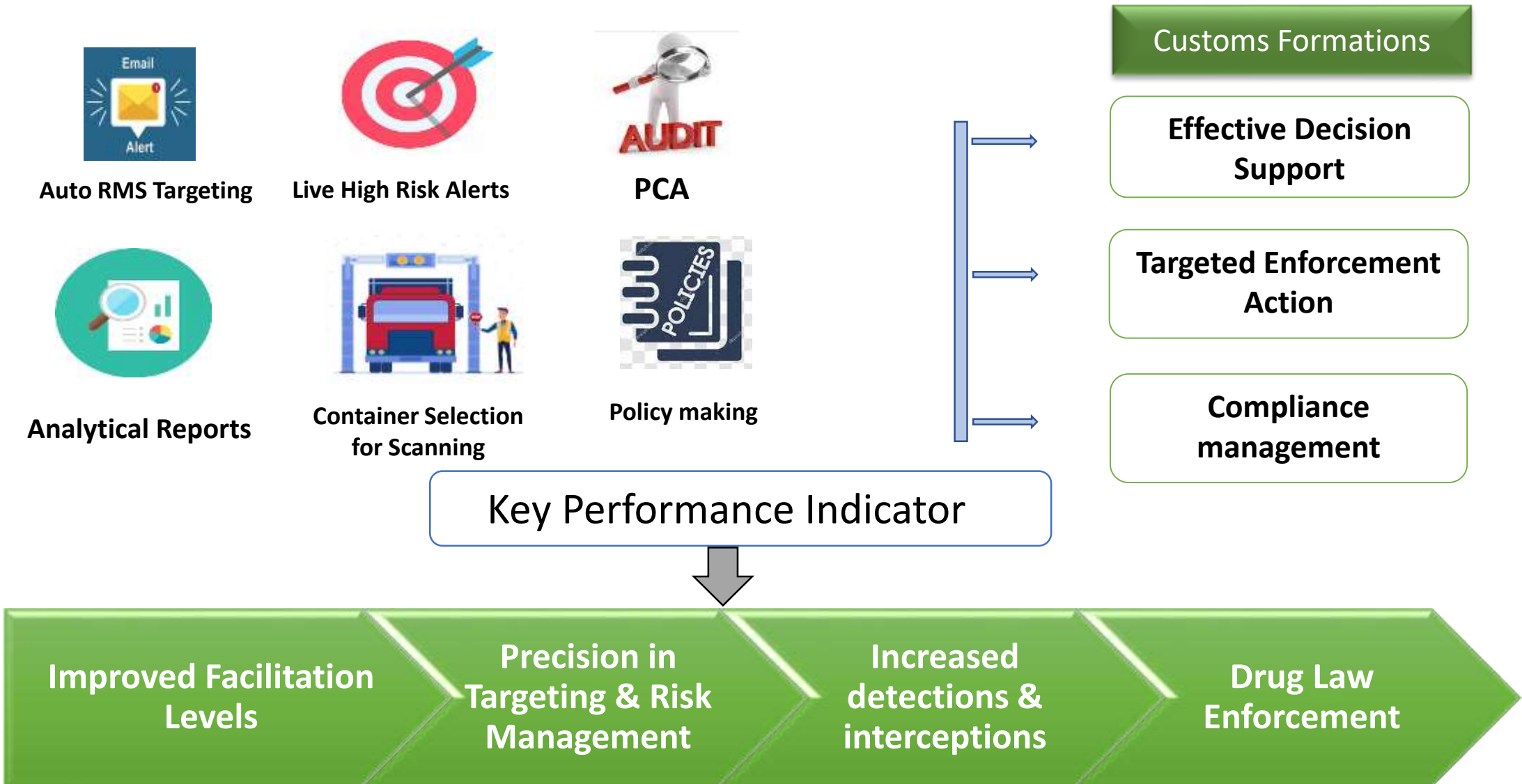


Commodity Valuation trend analysis & ML model

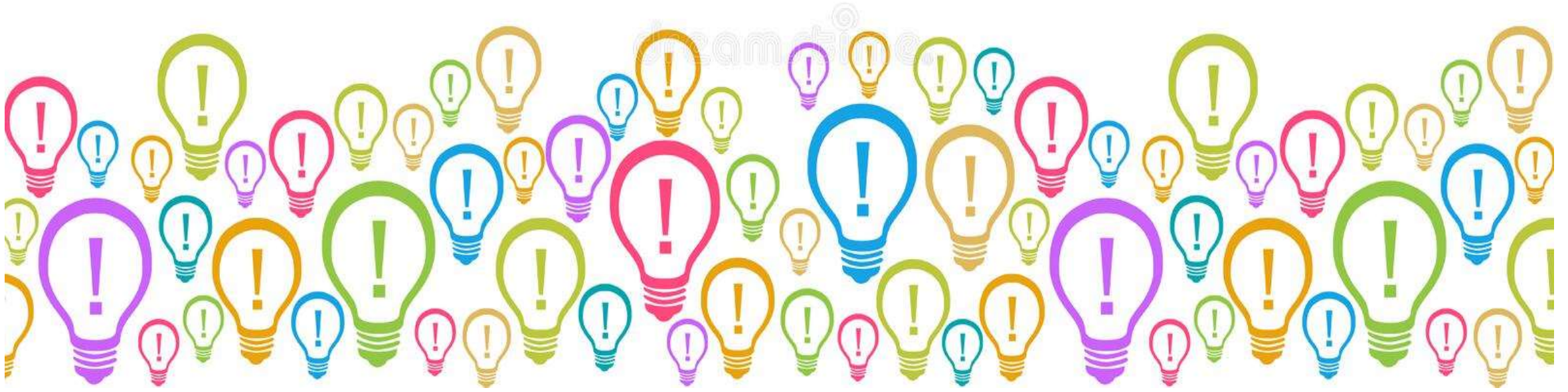


OSINT

Data in action



Any Questions?



*Thank
you*

