

How to build data analytics into the Audit Methodology
The IAG Group Internal Audit Journey

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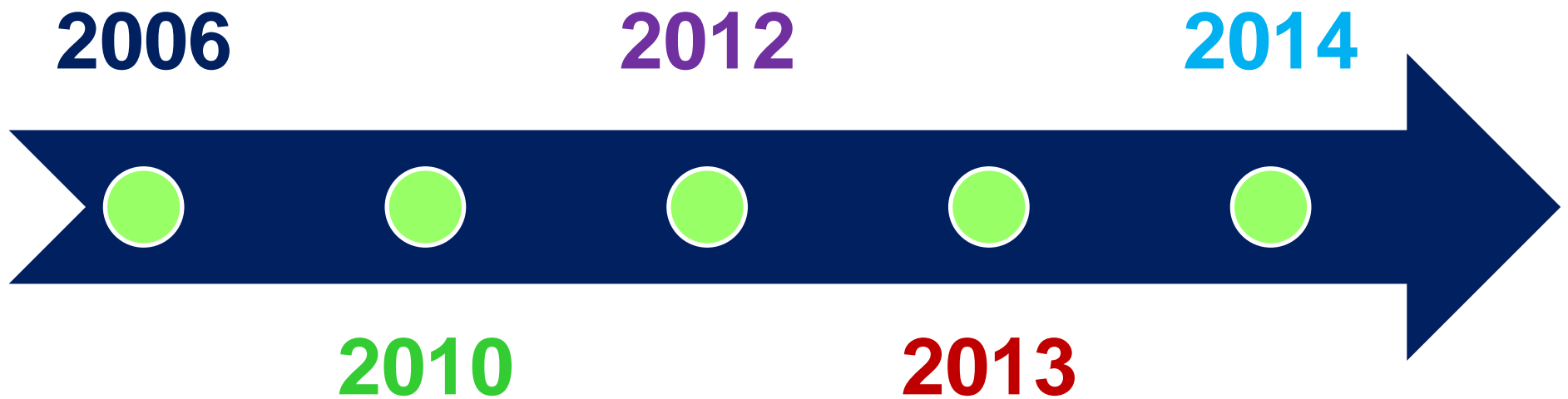


What does data analytics mean?

Drawing insights from information
presented to you

Steer the audit plan
Refine Scope
Build Commercial Statements

A history lesson!



What do you need?

Sponsorship

People

Process

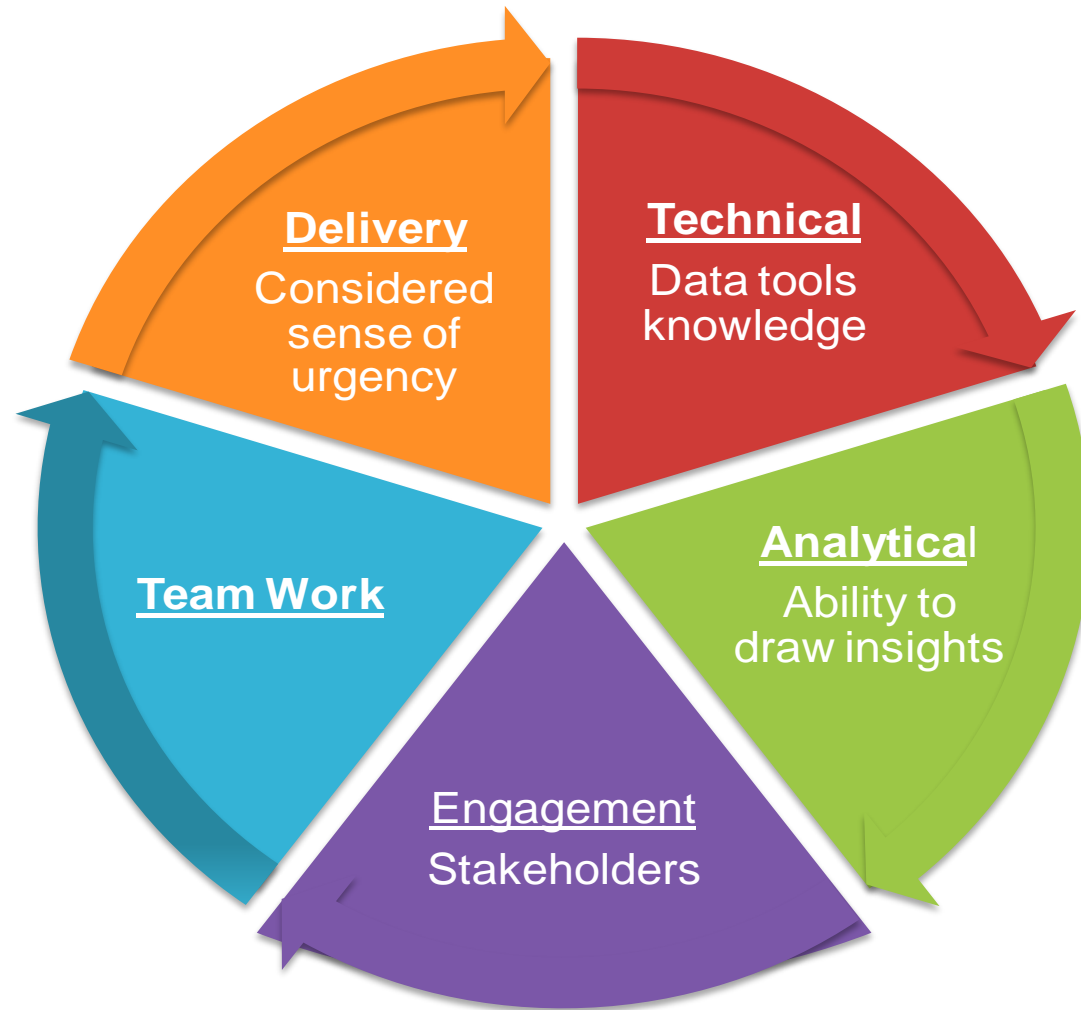
Technology & Data

Innovation

Sponsorship



People



Process

INITIATION

PLANNING

FIELDWORK

REPORTING

Data Analytics Process Overview

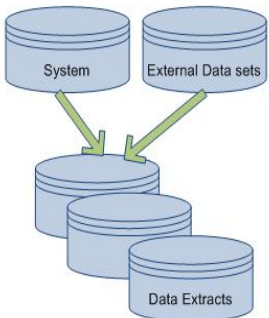
Process per System

Data Analytics Initiation

Engagement



Agreement of Areas of Focus



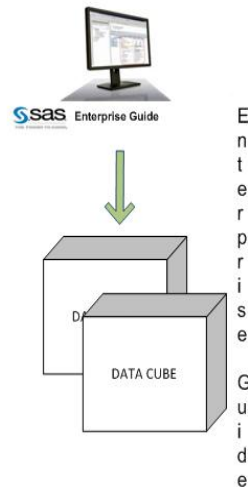
Data discovery & scenario sizing

Understand the data and its relationships

- Import Data Extracts into SAS
- Create sample output
- Determine data relationships within file imported
- Validate sample against core system



Scenario execution and validation

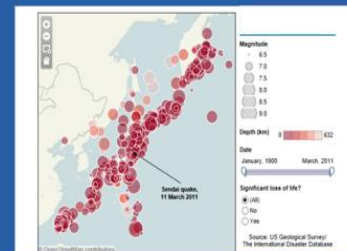


Scenario output for fieldwork

Data Analysis Results

- Create output and present to Team
- Output drives sampling and deep dive analysis

DATA VISUALIZATION

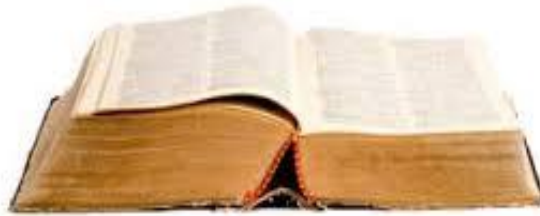


Reporting

Working collaboratively with the Team to bring the analytics into the report



Technology & Data



A data dictionary is an absolute must.



We must have data



A data repository is useful

Innovation

What you need

Sponsorship

People

Process

Technology & Data

Innovation



Data Analytics

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