ALTAIR® MONARCH® ADDRESSING THREE MAJOR CHALLENGES FOR THE INTELLIGENCE COMMUNITY

Data overload, dark data and disparate data are 3 roadblocks that slow down Intelligence Analysis processes and complicate threat detection. As the amount of data increases, these challenges will only be exacerbated. Self-Service Data Preparation solutions aid the Intelligence Community in making better use of data, facilitating intelligence sharing across organizations and improving threat detection/incident prevention.

Data Overload

*47% of data analysts' time is spent collecting and organizing data, but less than a third of their time is allocated to actually gleaning actionable insights from it. - **Latham, 2016***.

Data overload makes it impossible to include all information in analytics, unless you have the proper tools to help.

Dark Data

*88% of usable data is being left untouched. Most organizations are only including 12% of their available data in their analytics. - **Forrester Wave, 2014***
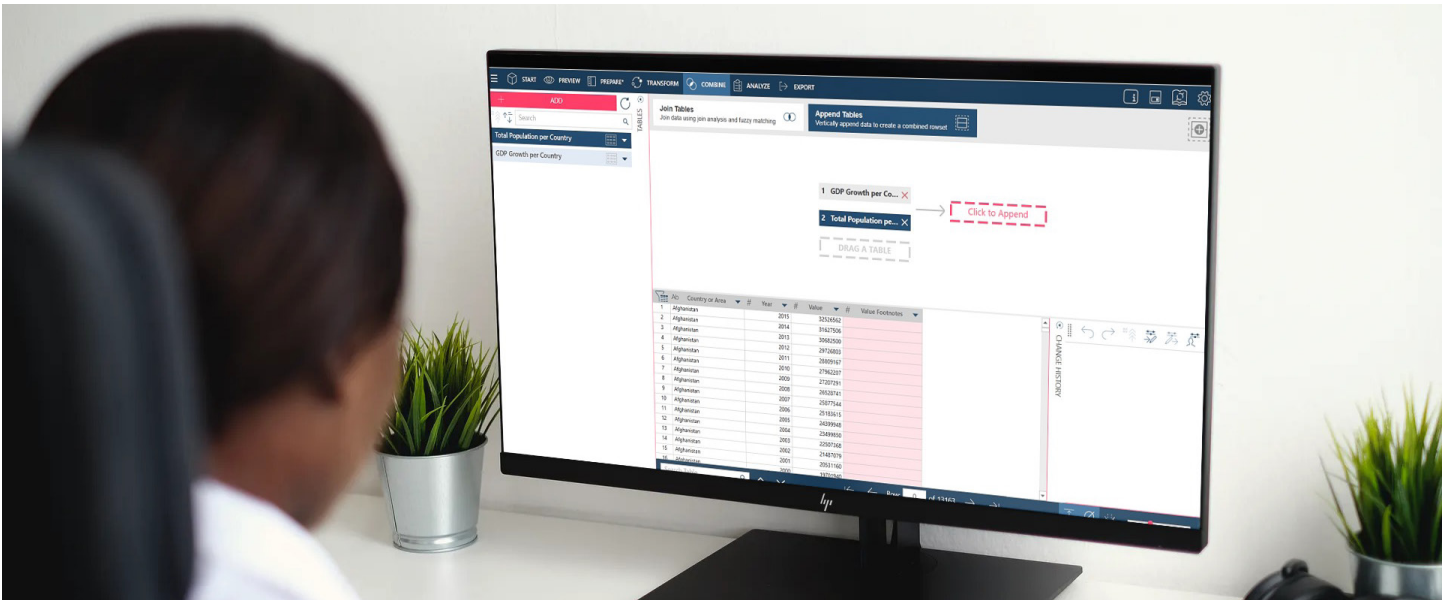
Dark data includes messily formatted documents and/or reports that are 'inaccessible' without manual re-keying, coding knowledge or PDF/TXT extraction tools.

Disparate Data

*78% of organizations are occasionally, rarely or never including 3rd-party data to enrich their analysis because it is 'too difficult to work with. - **Dresner, 2017***

Combining disparate datasets can be cumbersome and error-prone without Excel expertise or self-service data prep solutions.

Learn More at:
altair.com/government-da

Monarch streamlines data preparation processes by simplifying data access, manipulation, blending and formatting from the widest variety of sources (PDF, TXT, Excel, CSV, HTML, JSON, XML, web pages, log files database files).

Eliminating manual work during the data preparation process reduces time, effort and the possibility of human error, resulting in improved data accuracy/validity and time-to-actionable intelligence.

Access - Monarch is a vendor-agnostic platform in which users can easily access, clean and format data from the widest variety of sources without manual data entry or coding.

Clean - After data is extracted and set into rows and columns, over 80 pre-built data prep functions allow users to manipulate data without writing code, scripts or macros in Excel. manual data entry or coding.

Blend - Monarch's sophisticated 'Join Analysis' uses pre-built models and algorithms to combine disparate, but related datasets based on common factors. No vLookups required.

Audit - The 'Change History' and 'Data Lineage' functions within Monarch allow users to track exactly what happens to the native dataset. These logs allow for both governance and repeatability.

Export - Monarch exports cleaned data to Excel, CSV and various visualization tools, streamlining the identification of actionable intelligence.

Automate - 'Models' and 'Workspaces' enable users to automate repeatable all phases of data preparation.

Try Monarch Today:
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