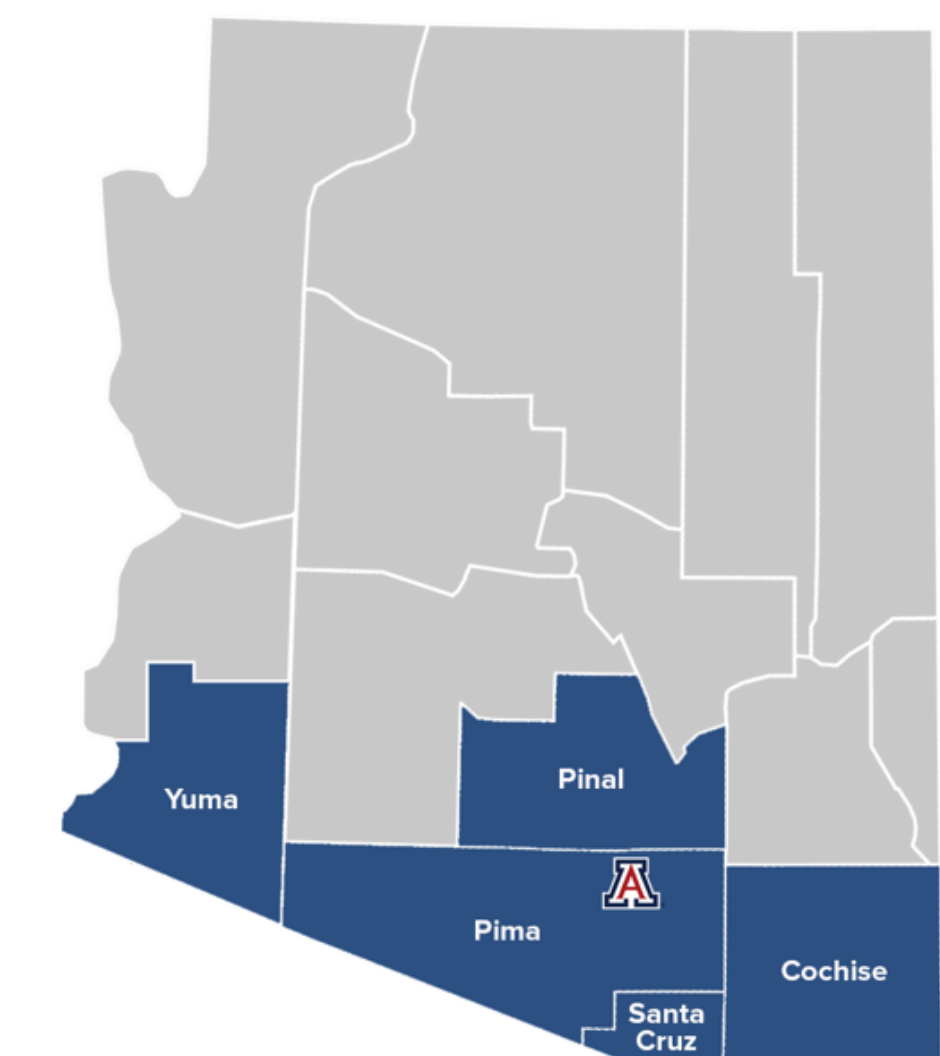


BACKGROUND

The University of Arizona Cancer Center (UACC) Catchment Area initiative enhances cancer surveillance across five southern Arizona counties by centralizing diverse cancer-related data.



Over ten sources with varying formats and update frequencies are curated and standardized, a traditionally labor-intensive process.

This abstract highlights the use of DOMO to automate data warehousing, analysis, and visualization, streamlining reporting and enabling informed decision-making.

GOALS AND METRICS

- Centralize UACC Catchment's cancer data into a standardized data warehouse with structured formats.
- Automated data reporting tool for UACC Catchment Characterization.

METHODS

DOMO, a cloud-based BI platform, supports data integration, analytics, visualization, and real-time reporting.

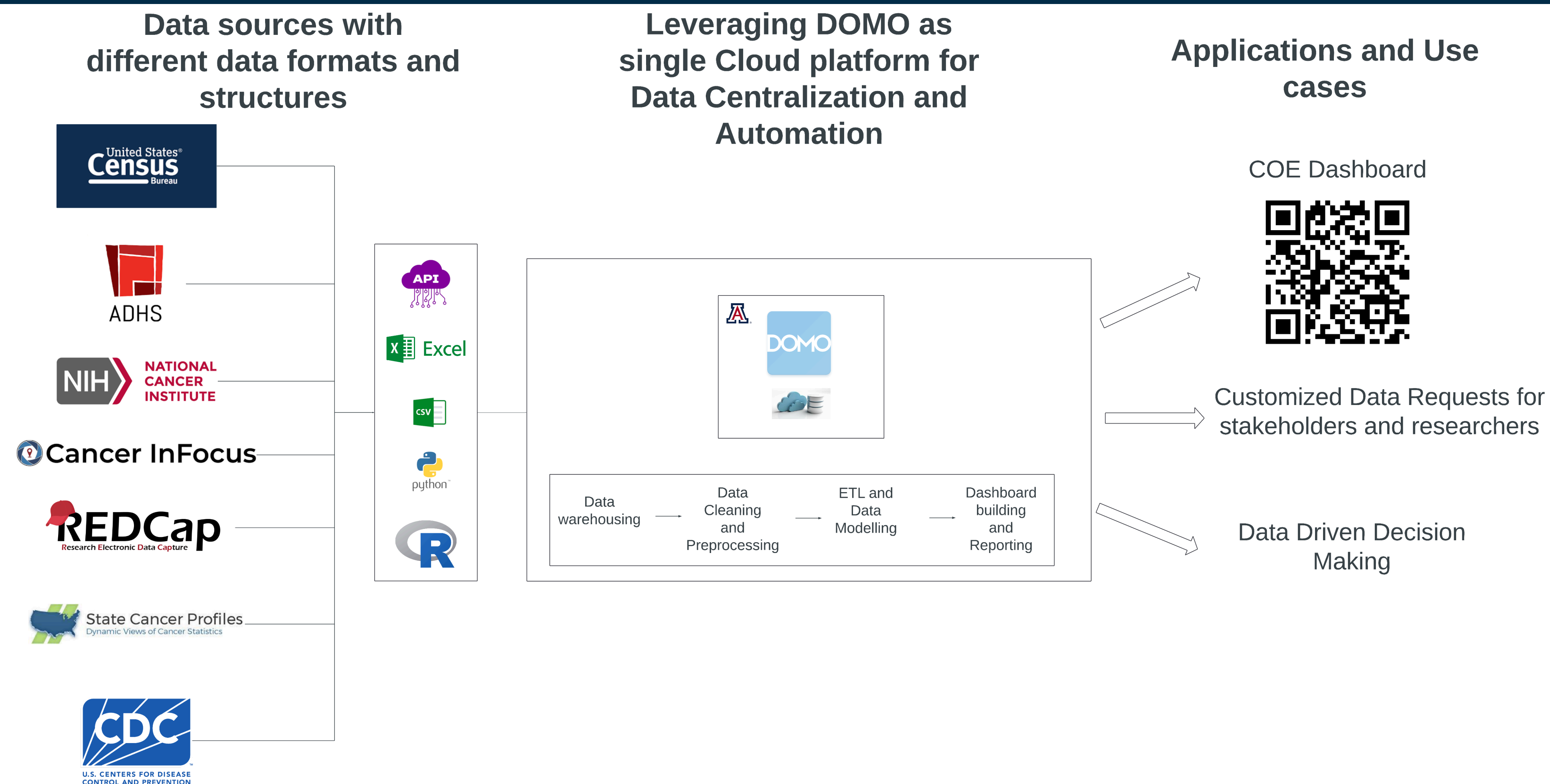
Design for both technical staff and non-technical public health professionals, enabling easy data access and analysis.

Aggregate external data, builds ETL pipelines, standardizes data, and delivers dashboards to support Catchment Area Analysis

Automate tasks like data cleaning and reporting, allowing teams to focus on community outreach.

Enhance UACC's ability to advocate, communicate, and act on cancer prevention and control strategies.

UACC COE Data Infrastructure



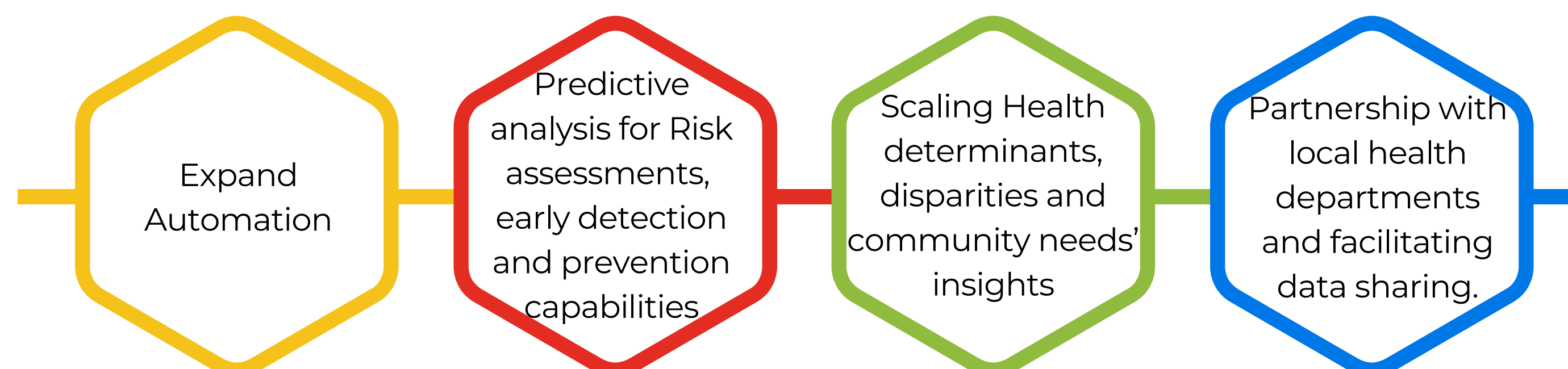
RESULTS

- Developed and launched five interactive dashboards for UACC Catchment Data and Community Engagement assessments data.
- Consolidated data workflows from multiple tools into a single Cloud BI platform (DOMO).
- Streamlined data integration and improved dashboard updates, reducing manual effort and data lag.

LESSONS LEARNED

- DOMO's automation significantly reduces manual labor and data inconsistencies.
- Centralized data platforms improve reporting accuracy and enable real-time updates on catchment area and cancer data metrics.

FUTURE DIRECTIONS



AKNOWLEDGEMENTS

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