Allow querying of aggregate data characterization data to quickly assess key characteristics such as missingness and distribution of select variables. These queries are executed against the aggregate data characterization data returned as part of the routing data quality assurance process. These queries can be displayed across all sites, within a specific site, or stratified by site. Data are presented overall and by data partner in tables, graphs, and charts.

The Data Checker tool and data model are generalizable for use in other distributed networks. Any network that utilizes this new data characterization data model based on their own data checking and quality assurance processes can take advantage of this data checking tool in PopMedNet.

The following functionality should be considered for future work:

- Enhance the data characterization data model to include additional data domains from other common data models (e.g., clinical and laboratory data).
- Incorporate additional tables or data elements (e.g., incorporate data from multiple data refreshes for each data partner/site) to assess trends.
- Extend access to the tool while maintaining data partner privacy by refining permissions to query all or specified sites, view site-specific or aggregate results, and view identified or masked site IDs.
- Transition from a query-based approach to a reporting tool that allows the users to customize their searches and the report output.

The following references are cited in the text:


For more information visit: https://popmednet.atlassian.net/wiki/display/DOC/Data+Checker+Requests or scan the QR code on the left.