

Power BI

Overview & Business Use Cases

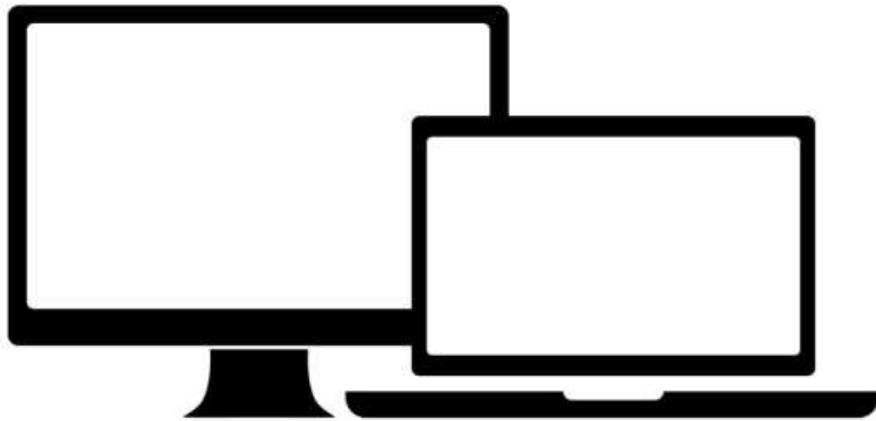
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SENECA FAMILY OF AGENCIES

JULY 2017

Overview: Power BI

Power BI Desktop



- Create reports and visuals
- Connect to many different data sources
- Built-in powerful Extract-Transform-Load (ETL)
- Create wide range of engaging visuals (incl. access to library of community-developed visuals)
- Completely free to download and use
- Uses .pbix file extension – need PBI Desktop to open

Publish

Power BI Service



- Organize and share content with others
- “Personal” cloud free with Office 365 subscription
- New June 2017: Must have Power BI Pro to share content with others (monthly per-user fee, ~\$3/month for non-profits; \$10/month for-profits)
- Schedule automatic refresh of your data from data sources (database, Excel sheets, web content...)

Power BI Highlights

Share up-to-date, relevant information with a wide audience

Intuitive, easy, and engaging for non-data-savvy consumers

Growing library of modern, sophisticated visuals

R integration facilitates advanced analyses

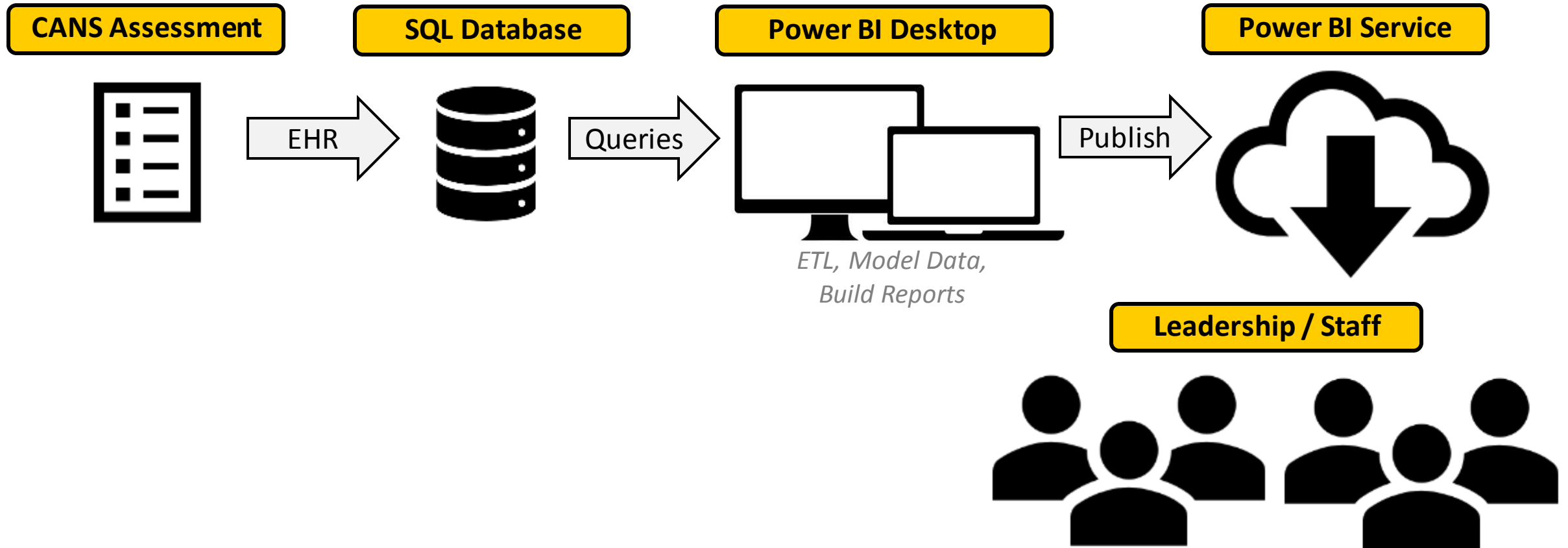
Connect directly to live Power BI data model (in cloud) from Excel and create pivot tables/pivot charts



Seneca Family of Agencies

- Service provider reaching over 8,000 unique clients and families annually
- Continuum of school-based, community-based, crisis, placement, and residential programs
- ~1,300 staff
- Began capturing CANS data electronically via EHR in 2009

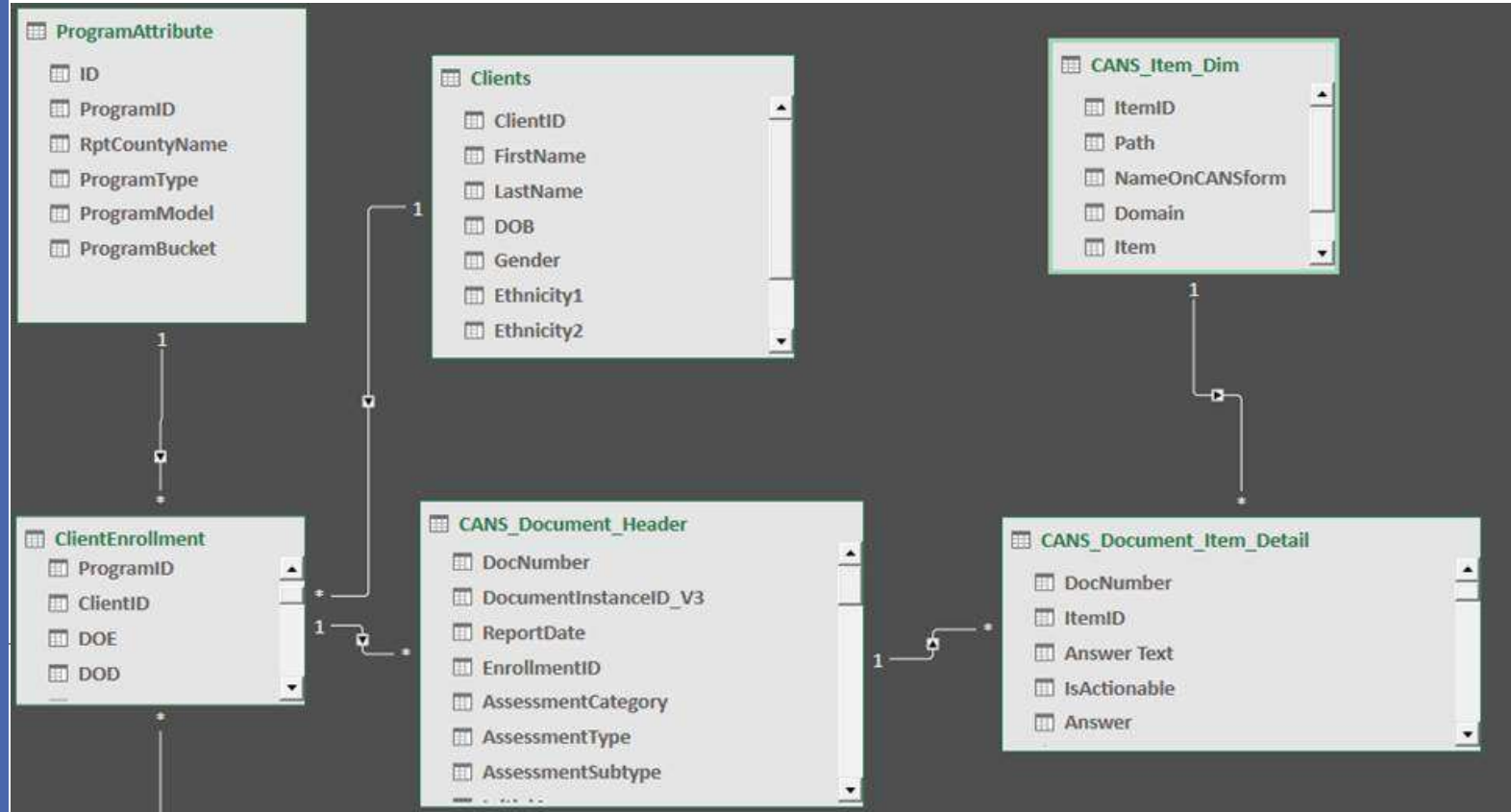
Seneca's CANS Data Flow to Power BI



Core of Seneca's CANS Data Model in Power BI

-Doesn't need to be complex

-Important for enabling robust, flexible analyses



Seneca's CANS Data Consumers

Program Leadership



Common Uses:

- Insight into client population & program outcomes
- Managing staff caseloads
- Sharing information with stakeholders

Front-Line Staff



Common Uses:

- Insight into individual client data
- Sharing observations with client/family/supervisor
- Insight into client population & program outcomes

Research/Eval Team & Admin Staff



Common Uses:

- Insight into client population & program outcomes
- Designing & extracting custom datasets for specified analyses
- Sharing information with external stakeholders

Demo: Seneca's CANS Reports in Power BI

DEIDENTIFIED CANS REPORTS

Thoughts or Questions?

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