ANP112 - Case Study – BI Implementation at McKesson using SAP Analytic tools

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ANALYTICAL TOOLS

- SBOP Explorer
  - Highlights of Configuration
  - Demonstration of Explorer capabilities
  - Walkthrough of implementation
- SAP Dashboards
  - Discuss differences with SBOP Explorer
  - Brief demo of powerful dashboards at McKesson

METRICS PREPARATION

- Explorer can be based out of Universe(s) or Excel files.
- Universe(s) based out of regular RDBM databases or hosted on HANA
- Perfect for Data Discovery
- User Friendly for Analytical Work on huge datasets

STEPS TO IMPLEMENT EXPLORER

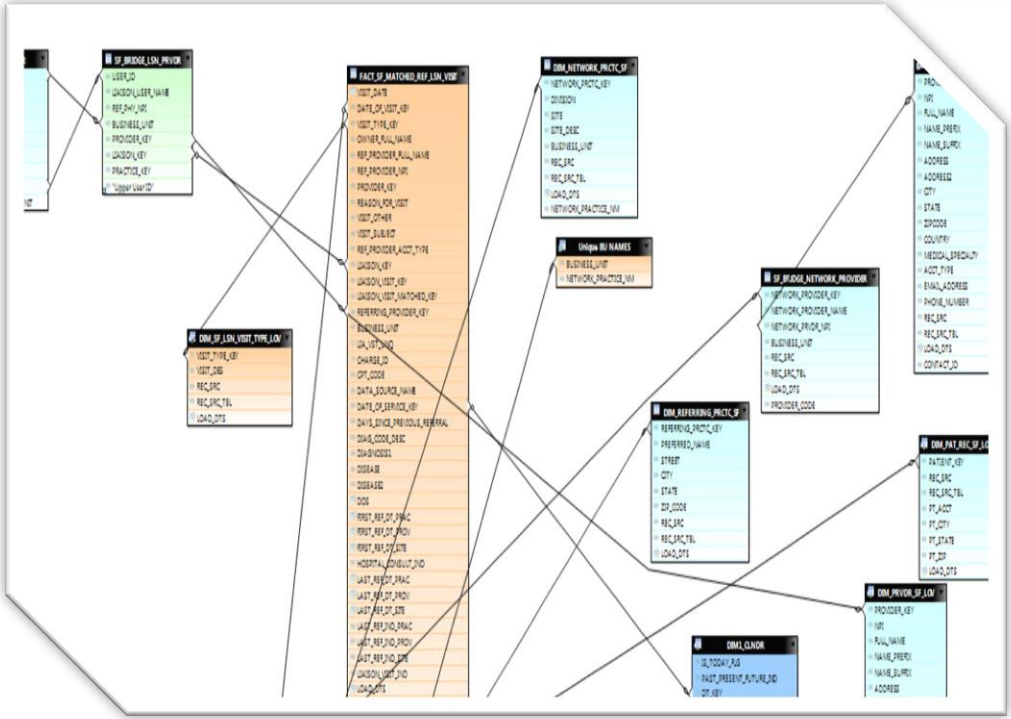
- Requirements Gathering of Metrics to use
- Creation of Data/Business layer (Universe in IDT)
- Information Space (Term used by SAP Explorer)
- Indexing of Information Space
- Scheduling of Information Spaces
- Exploration View Sets
- Personalization of Information Space (Implementing Security based on user roles or IDs)

REQUIREMENTS GATHERING OF METRICS

- Spending time and asking questions
- Make a case for every Dimension and measure you would like to have
- Necessary to think long term and consider the impacts with growing data
- Value it would bring to analysis

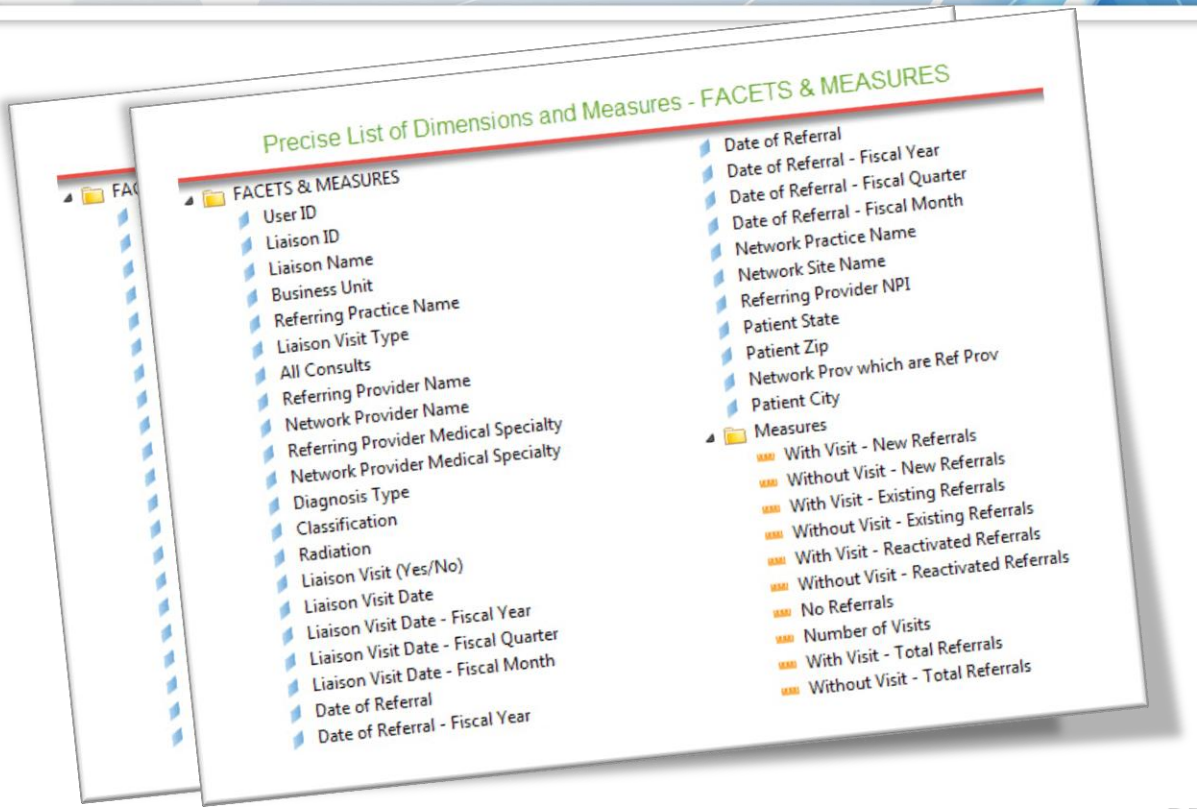
DATA LAYER (UNIVERSE IN IDT)

- Make the Data Model as efficient as possible especially in terms of Performance
- Use of Materialized Views, Summarized tables etc can perform better
- Try and avoid near “real time” scenarios and advisable to use explorer to do analytics on a week old or a day old data.



DATA/BUSINESS LAYER (UNIVERSE IN IDT)

- Do not try to answer every possible combination in the beginning
- Prepare the “must have” and “most valuable” list of Facets and Measures
- Come up with meaningful Business names after completing your Data layer

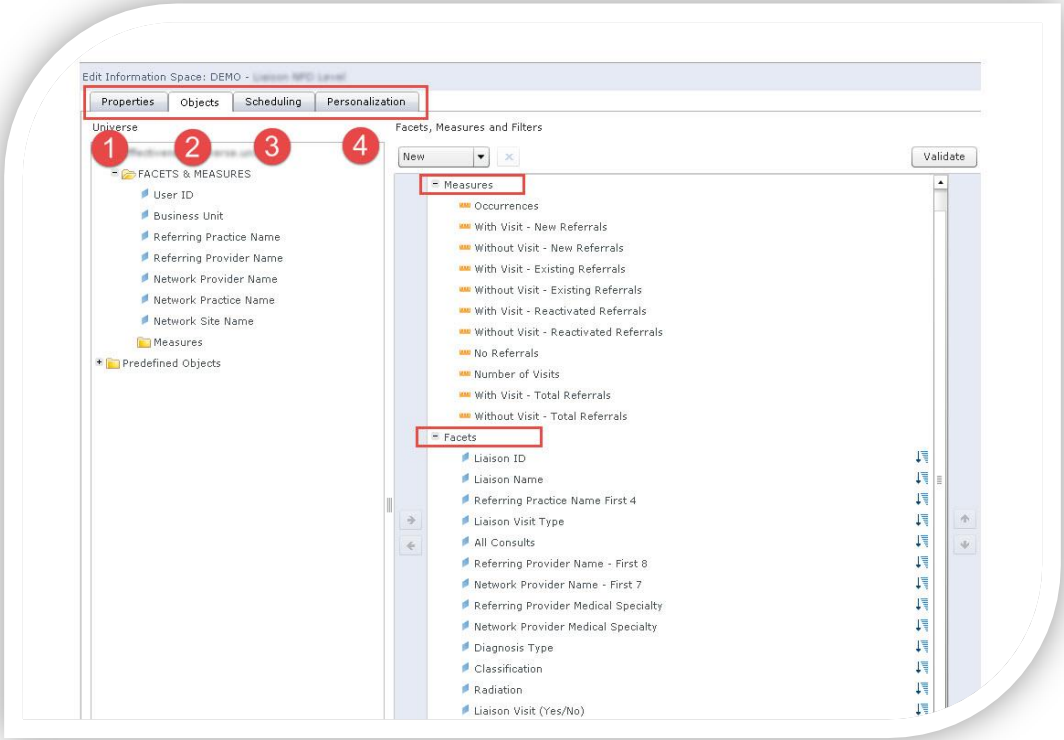


INFORMATION SPACE

- This is the layer which is used for “indexing” the facets and measures
- Indexing:: In SAP BO World is creation of “cache” which runs the queries, gets the measures for every combination and stores as File System on BO Server.
- Explorer engine then uses this file system when users interact with data.

DEMO CREATION OF INFORMATION SPACE

DEMO ON SERVER

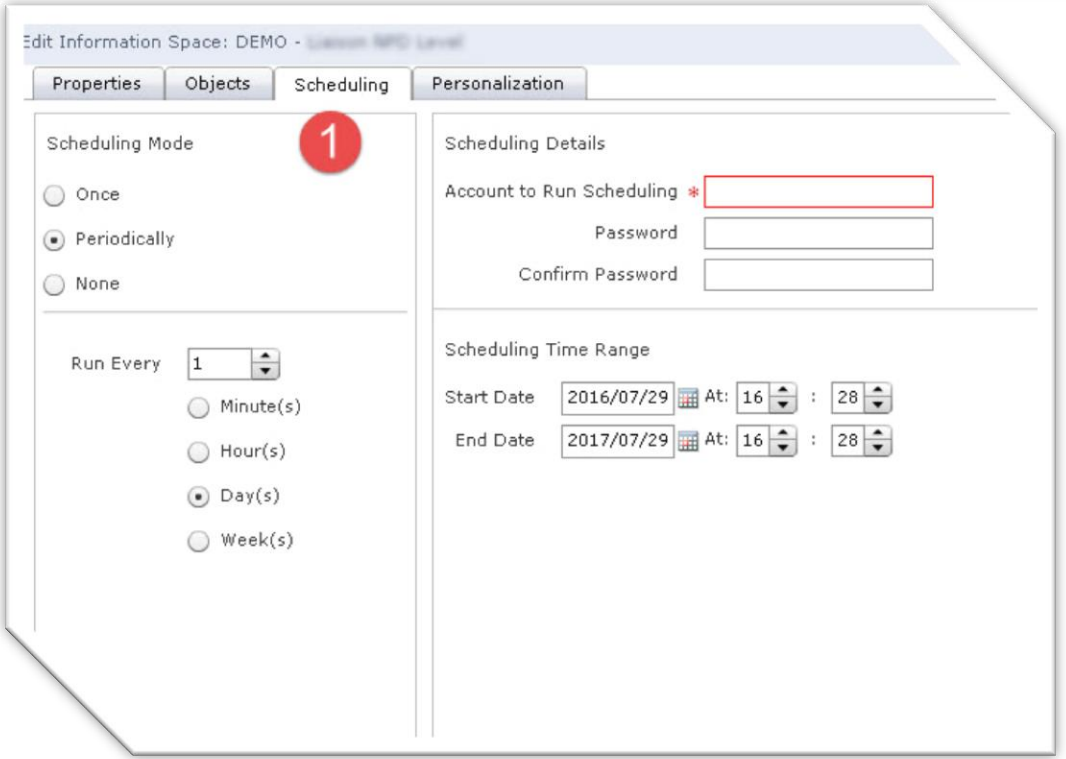


SCHEDULING OF INFORMATION SPACES

- Once the Information Space is created and indexed successfully, we don’t need to manually kick in next time, we can schedule it to run periodically as we need to.
- Dependent Exploration views sets automatically picks up the latest data from Indexed Information spaces
- Information Spaces designed against HANA data sources would not need scheduled indexing and real time data source connection can be used to get latest data displayed and used in Exploration View Sets

SCHEDULING OF INFORMATION SPACES

DEMO



EXPLORATION VIEW SETS

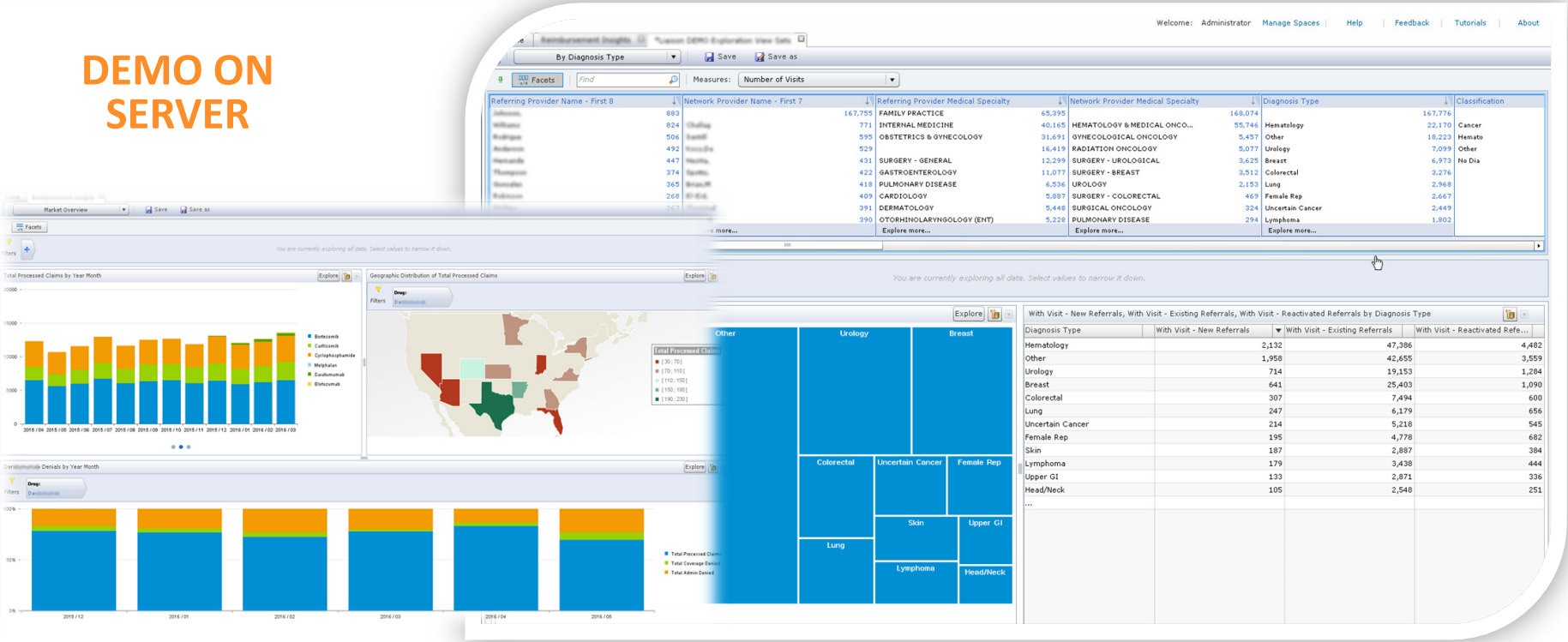
- Collection of different variations of data/charts which are customizable and helps end users with that ‘initial view’ they want to start with and either use it w/o modification or do subtle changes to layout/metrics/charts etc.

- How to combine data from different Information Spaces if needed and use it on same visual screen of one Exploration View set.

- Benefits of adding multiple exploration views on “one” or more exploration view sets based on categories.

EXPLORATION VIEW SETS

DEMO ON SERVER



DASHBOARDS - DEMO





TAKE HOME POINTS

- Understand the power SBOP Explorer can give to end users in terms of “go to” product for their analytics.
- Streamlined steps to get sophisticated exploration view sets out.
- Mobile Demo of sleek McKesson Specialty Health exploration View sets on iPad.
- Learn analytical and self-service benefits of using SBOP Explorer over dashboards
- Key practices for a successful project on SBOP Explorer

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