# Population Health with Oracle Big Data Discovery (BDD)

## Agile Deployment

Edgewater Ranzal's agile deployment of BDD projects provides you with an iterative approach to rapidly deploy a population discovery application within BDD.  The iterative approach provides the following benefits:

+ Iterative projects provide customers with an ever-evolving application release to adapt to business needs

+ Quickly stand up a solution in just a few weeks and provide a foundation for future discovery

+ Gain quick value with the ability to extend the solution with additional requirements

## Ranzal Differentiators

+ Premier Oracle BDD installation and application experts

+ Experience with highly complex implementations

+ Full breadth of analytics expertise to provide a full service experience in EPM, BI, Big Data

+ Full service consulting providing infrastructure, support and training services

## Key Benefits

+ Significantly reduce time in identifying appropriate patient/diagnosis groups for further study and analysis

+ Identification of quality of care issues & areas of improvement through threshold management, KPI visualizations, and ad hoc search

+ Familiar application interface allows for quick audience adoption and fast time-to-value

+ Rapid answers to "What If" questions

+ Timely updates of structured & unstructured data allows analysis of near-real-time information from the ACO & provider locations

## Oracle BDD Adds Measurable Business Value

Big Data Discovery plays a key role in the ability to successfully identify populations of interest within the healthcare practice in an agile and proactive manner.  An implementation of Oracle Big Data Discovery (BDD) allows for critical analysis of accountable care organization (ACO) performance, financial health, and identification of important populations to insure proper Quality of Care thresholds are being achieved.

With BDD's implementation process married with Edgewater Ranzal's extensive knowledge and experience in the healthcare industry, you can quickly achieve measurable business value in weeks. We will provide a solution that will allow for key functionality to accomplish several strategic use cases while incorporating important business requirements:

## Population Navigation and Identification

Identify a population of interest for further investigation and analysis based on agile, unstructured search and multi-dimensional navigation through your many disparate data sources.  Allows for informed decisions based on appropriate KPIs and metrics of a filtered group of patients, providers, and practices.

## ACO Performance Dashboard

A holistic view of ACO performance health and quality of care metrics presents a macro-level view of multiple disparate data sources.  Set certain thresholds to immediately identify areas of improvement and under-performance.  Multi-dimensional navigation through the data allows seamless exploration with the ability to answer relevant questions that were not at first visible to the application user.

## ACO Baseline vs. Cohort Analysis

Compare metrics and record details of an identified cohort group to your baseline data in whole or as a filtered set.  Allow users to compare ACO vs. ACO, patient group vs. patient group, or provider vs. provider all within one view of the application.  With the power of search & navigation, a user has many possibilities to significantly increase the opportunity of improving care based on data from neighboring practices side-by-side.

# Oracle Big Data Discovery

## Key Features

+ Smart, automatic data profiling
+ Built-in transformation capabilities
+ Modern visualizations
+ Fully integrated with the most robust Hadoop distributions on the market
+ Explore and profile all datasets in the Hadoop data lake

## Key Benefits

+ Allow analysts to fail fast in their data analysis pursuits
+ Transform and enrich massive datasets quickly
+ Spend time & resources on analytics and insight instead of data prep
+ Include business analysts on the team to help drive collaborative discovery
+ Process data in place in Hadoop, substantially reducing data movement and management costs

## Other Ranzal Services

Extend your environment with Edgewater Ranzal's additional services:

+ Advisory services help define the priority key metrics and supporting data to include in the solution
+ Custom training provides users with knowledge needed to use the tools
+ Add additional metrics and data to extend the solution
+ Manged Cloud helps to reduce IT costs and resources needed

## About Big Data Discovery (BDD)

Oracle's answer to demystifying the modern data lake, Oracle Big Data Discovery (BDD) harnesses the distributed computing and storage power of Hadoop and adds an interactive layer through which users can easily explore all of their data. Oracle BDD wraps data analysis, transformation, and discovery tools together into a single user interface, and it comes with advanced features like smart, automatic data profiling, built-in transformation capabilities, modern visualizations, and solid integration with Hadoop.

Big Data Discovery provides business users the ability to understand insights in their data by providing visibility into these critical data sources by uniting these sources and providing the user the ability to understand correlations in the data. By providing further insight into this data, companies can make better informed decisions and improve their business processes and transform their business.

Edgewater Ranzal is especially equipped to help customers prove out potential use cases of BDD as well as architect and build out implementations of the product. We can work with you on all aspects of implementing BDD from proof of concepts, planning to full life-cycle implementations.

Oracle Big Data Discovery (BDD) helps organizations quickly explore all relevant data.

+ Combine structured & unstructured data from disparate systems
+ Automatically organize information for transformation, search, discovery & analysis
+ Rapidly assemble and share easy to use analysis projects that anyone can use
+ Connect to all your data including unstructured and non-normalized data from your Hadoop infrastructure
+ Provides interactive analytics with in-memory enabled performance

## Advantages of Big Data Discovery

+ Find insights in your data as never before by putting the power of analytics into the business users' hands
+ Find answers to questions that your business has not been able to answer
+ Quickly combine data without having to go through costly normalization building data warehouses
+ Complete Enterprise solution that is integrated with Hadoop to leverage your IT investment and provide a solution that can be managed centrally

## About Edgewater Ranzal

Edgewater Ranzal is a full-service Oracle Platinum Consulting Partner with unrivaled expertise in delivering Oracle Hyperion Enterprise Performance Management, Business Intelligence and Big Data solutions. We consistently apply and update leading-practice methodologies to address changing business requirements and take advantage of evolving system capabilities. With resources and clients located throughout the United States, Canada, and Europe, we are one of the largest specialized Oracle Business Analytics partners. To learn more, visit ranzal.com, e-mail info@ranzal.com, or call +1.914.253.6600.

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