Our Services

KovanTech Solutions
— Bridge the Gap —

Plan

- **Assessment**
- **Vision and Strategy**
- **Solution Architecture**

Data

- **Data Warehouse**
- **Big Data**
- **Hybrid Data Architecture**

Analytics

- **Advance Analytics**
- **Data Science**
- **Reports and Dashboards**

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BI Assessment

Do you ever wonder:

- How does your business intelligence (BI) and data warehousing (DW) environment compares to other companies?
- What steps you should be taking to progress your analytics platform?
- Do you hope your current environment will meet your future needs?

At **Sanchez**, we help clients with conducting an unbiased, unfiltered, comprehensive Business Intelligence Maturity Assessment
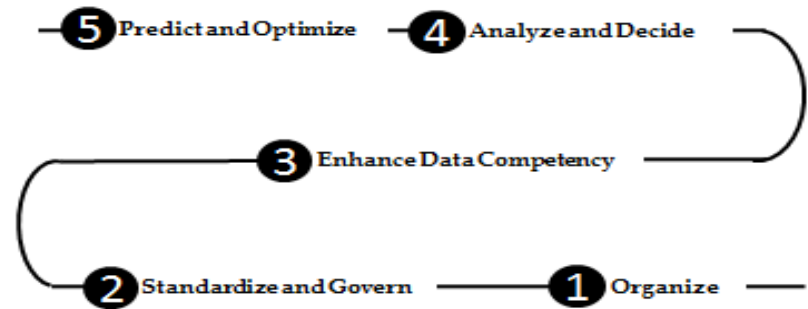
The User View
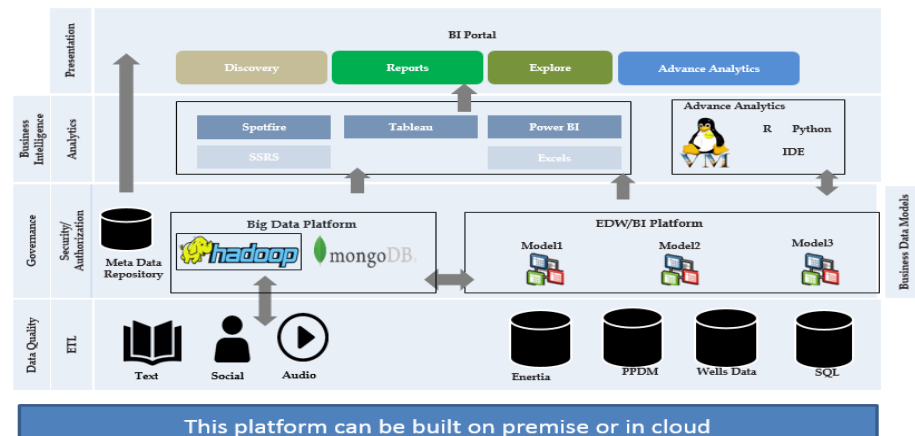
The Organization View

The Technology View

The Data and process View

Strategy and Vision

We engage with business and IT teams to understand the organization's BI maturity, current state of analytics, data platforms, technologies, opportunities and pain points to provide a comprehensive roadmap and vision for modern data platform which can serve both business intelligence and advance analytics needs to drive insights based decision making.

5 Predict and Optimize — 4 Analyze and Decide

3 Enhance Data Competency

2 Standardize and Govern — 1 Organize

Solution Architecture

This platform can be built on premise or in cloud

- **Big Data**
- **Reporting and Dashboards**
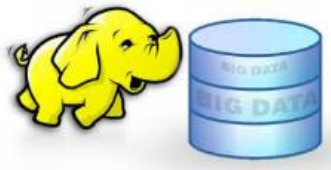- **Advance Analytics/Data Science**
- **Cloud Infrastruture**

Big Data

In todays digital age, there is an ocean of data flowing from all direction which is pushing the storage and processing limits of companies infrastructure. Fortunately Big Data platforms provide cost effective way to house and analyze massive amounts of data.

We know Big Data, and we know the technologies that make it work. No matter what your current data architecture looks like, our team can give you a plan to optimize your practices and the tools to act on it

Our Big Data practice capabilities include the following:
- Proof of Concept
- Solution Build
- Data Lake
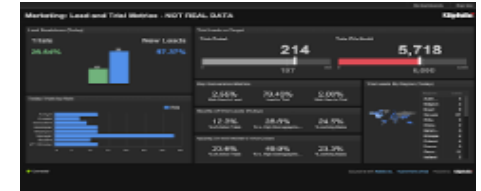- Infrastructure Planning
- Strategy & Roadmap

Reporting and Dashboarding Services

Let your data tell you compelling stories and provide knowledge and actionable insights about your business, so that you can make educated data driven decisions.

We create intuitive, easy to use and visually appealing reports and dashboards using various leading BI tools.

Our Strengths
- NO SQL
- Mongo DB
- Cloud based Infrastructure
- Tableau
- Spotfire
- SSRS
- SQL Server

Advance Analytics/Data Science

Big data or small data, it's only as good as the knowledge, insights and business value it provides, but sometimes it's little difficult to work with data and normal tricks and techniques don't seem to work. This is where you need data ninjas aka Data Scientists to use special techniques to discipline the data and extract the valuable nuggets of information which has the potential to transform business.

Our team of talented Data Scientists can weave their magic, no matter what data you have to come up with compelling insights.

Our Services:
- Predictive Analytics
- Statistical Analysis
- Text Analytics
- Machine Learning

Cloud Infrastructure for Data Analytics

Cloud Based Infrastructure is best investment for business. The tools are follows here.

Cloud Based BI
- HD Insights
- Amazon Redshift

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Data Technologies:
- **Big data Framework**
- **Hybrid Data Architecture**
- **Data Warehousing**

Microsoft Big Data Platform (On Premises/Cloud)

HDInsight is the only fully-managed cloud Hadoop offering that provides optimized open source analytic clusters for Spark, Hive, MapReduce, HBase, Storm, Kafka, and R Server backed by a 99.9% SLA. Each of these big data technologies and ISV applications are easily deployable as managed clusters with enterprise-level security and monitoring..

Amazon Redshift is a fast, fully managed, petabyte-scale data warehouse that makes it simple and cost-effective to analyze all your data using your existing business intelligence tools

Advantages of using hybrid data architecture:
- Accelerate Big Data processing across flexible data management options to support hot, warm, and cold data
- Acquire data from a variety of sources and combine structured, unstructured, machine, and human data for comprehensive insights
- Analyze Big Data with analytics solutions to discover new insights across your enterprise
- Act quickly using applications that leverage Big Data insights to ignite new revenue streams and improve operations
- Achieve tangible results from your Big Data initiatives with services that apply advanced data science to your business
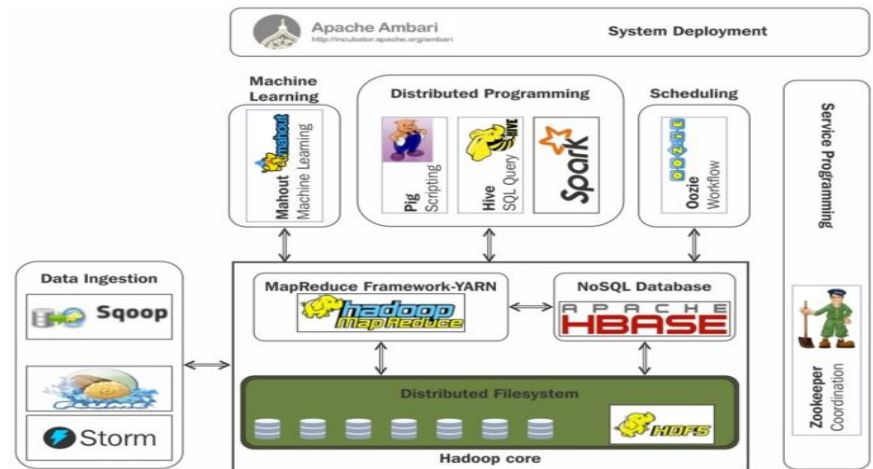
Big Data Platform

What is Big Data? Big Data is an opportunity to change how you work, play, and live by tracking new signals within digital noise. From major league sports and personalized shopping, to carbon reduction and cancer treatment – organizations are using Big Data to re-imagine achieving what is possible.

Although it's true big data has tremendous promise to fundamentally change the business, but it's also very difficult to implement , process and generate insights. Implementing Big data requires specialized skills in setting up infrastructure, running analytics and presenting them in easy to understand and actionable way.

We provide comprehensive services from setting up the infrastructure to generating insights from your big data.

- Hadoop Installation, configuration and Administration
- Load and transform data
- Data Warehouse using Hive and Hbase
- Advance Analytics using Spark (Spark QL, MLib), Python
- Data visualization using Tableau, Spotfire, Business Objects

Enterprise Data Warehouse

Although big data is the talk of the town, EDW and Business Intelligence is still the bread and butter for enterprises to understand the business, track the performance, spot the trends and use data to make educated ,proactive and informed decisions.

Partner with our Data Warehousing and Data Management team to speed up your data search, exploration, and business analysis with our high-performance data warehousing solutions to get the most value from your data.
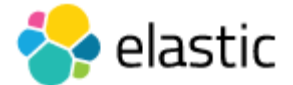
Our technology expertise:

EDW:
- Microsoft BI
- Mango DB
- Hadoop
- Oracle
- Teradata

Reporting and Dashboarding
- Tableau
- Spotfire
- SSRS

Our capabilities:

- EDW design and architecture
  - OLAP data structures
  - Dimension Modelling
  - Hierarchy Modelling
  - Master Data Modell ling
- Data Quality
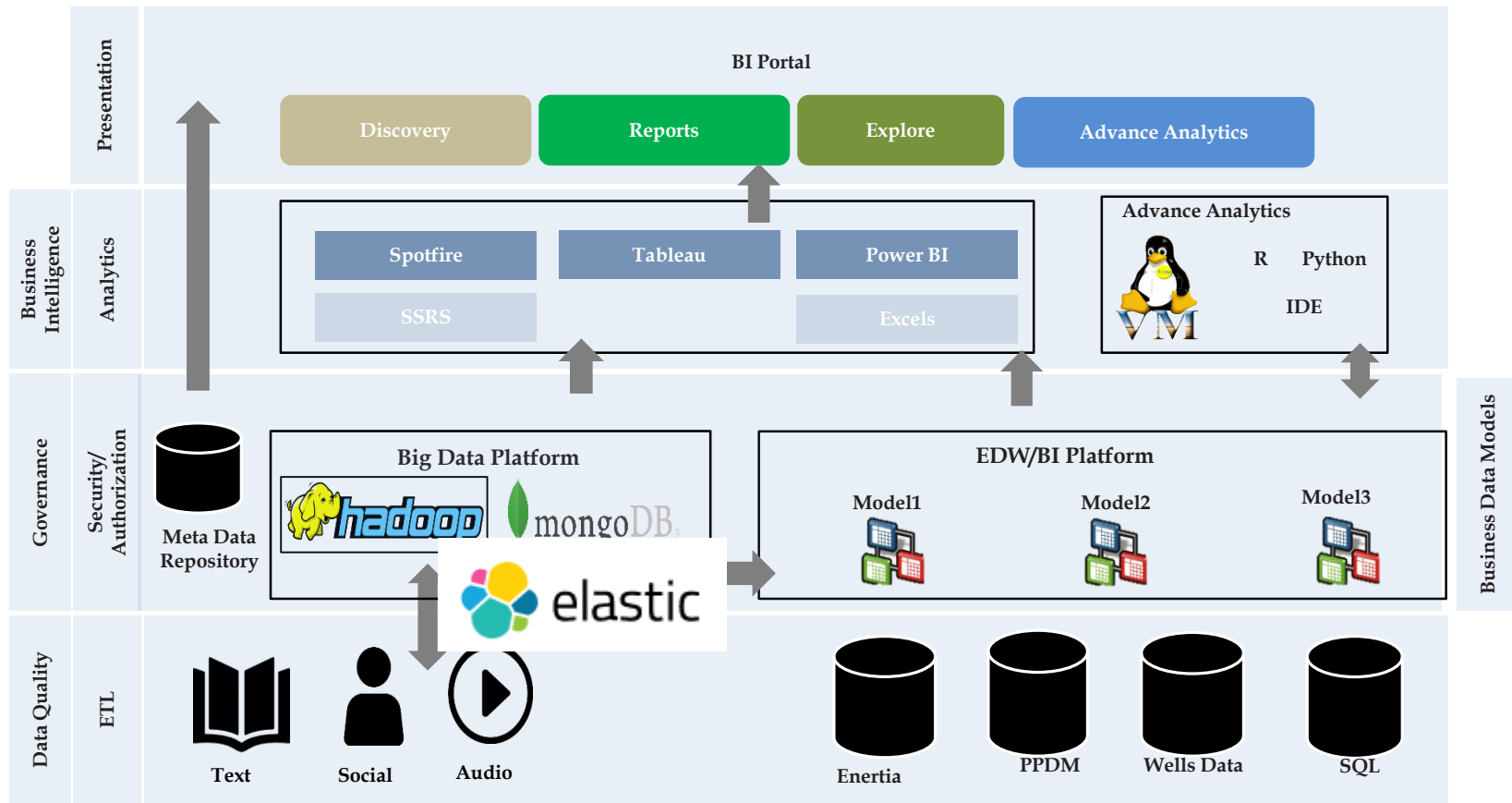- Data Governance
- Real time Analytics

Planning	Analytics	Data	Technologies

Technologies

- **BI/Big Data Platforms**
  - Oracle OBIEE
  - Hadoop
  - Mongo DB
  - Teradata
  - Azure / HD Insight
- **Reporting/Dashboards**
  - Tableau
  - Spotfire
  - QlikView
  - Power BI

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