Visualization as a Service

Tech
Mahindra

Snapshot of the Next Gen BI

Reports/Dashboards

- Interactive Dashboards
- Drill Down
- Slicing/Dicing
- Associations
- Advance Widgets
- Google Maps
- Geo Spatial

In Memory

- Real-time insights
- Ad Hoc queries
- Leverage memory on devices
- Analysis : Fast and easy
- No overloading challenges.

Mobile BI

- Rendering reports within a web browser.
- Create custom BI apps
- Reporting and analysis interactivity support
- Alerts and notifications.
- Robust security infrastructures.

Collaborative

- Social features like
  - Report tagging
  - Comments
  - Discussion threads
  - Rating
- Strong privacy settings
- Easy to share reports & dashboards with audience

BI on cloud

- Accessible from
  - Diverse global locations
  - Wide range of services.
- Secure environment
- Identity management
- Authentication layer
- Ease of adjusting requirements
- Full support for API's
- Multi tenancy feature

Self Service

- Users capable of making their own analysis
- Creating new analysis from the browser
- Minimal dependency on IT
- Flexible dashboard designer
- Drag-n-Drop Environment
- Granular data security

Big Data

- Multifold data growth (650 % in next 5 years)
- Quick analysis of large data sets
- Dramatically reduced query times
- Hardware acceleration capability
- Parallel processing capabilities
- Map reduce, Hadoop

Real time Insight

- Decision making based on real-time data
- Real time insight into critical operational data
- Fast & accurate decision making
- Lends competitive edge to firms

Overview

In the current scenario, organizations have access not only to an abundance of data, rather to an abundance of good quality data. However organizations still face challenges in garnering insights to drive their business decisions.

Tech Mahindra's Data Visualization as a Service offering enable enterprise to process large amounts of data in comprehensible and engaging forms, and facilitating data and insight-driven decision making.

Business Challenges

Lack of dashboard templates
Enterprises need to start from scratch which involves high cost and time

Format Challenges
Working on latest BI tools requires expertise to harvest its full potential

Uncontrollable environment
With multiple visualizations tools/platforms

Unsure of the right KPIs
Due to multiple LOBs operating in silos

Single source of Truth
Multiple users create different versions of data resulting in loss of information

Lack of knowledge on dataset & relations
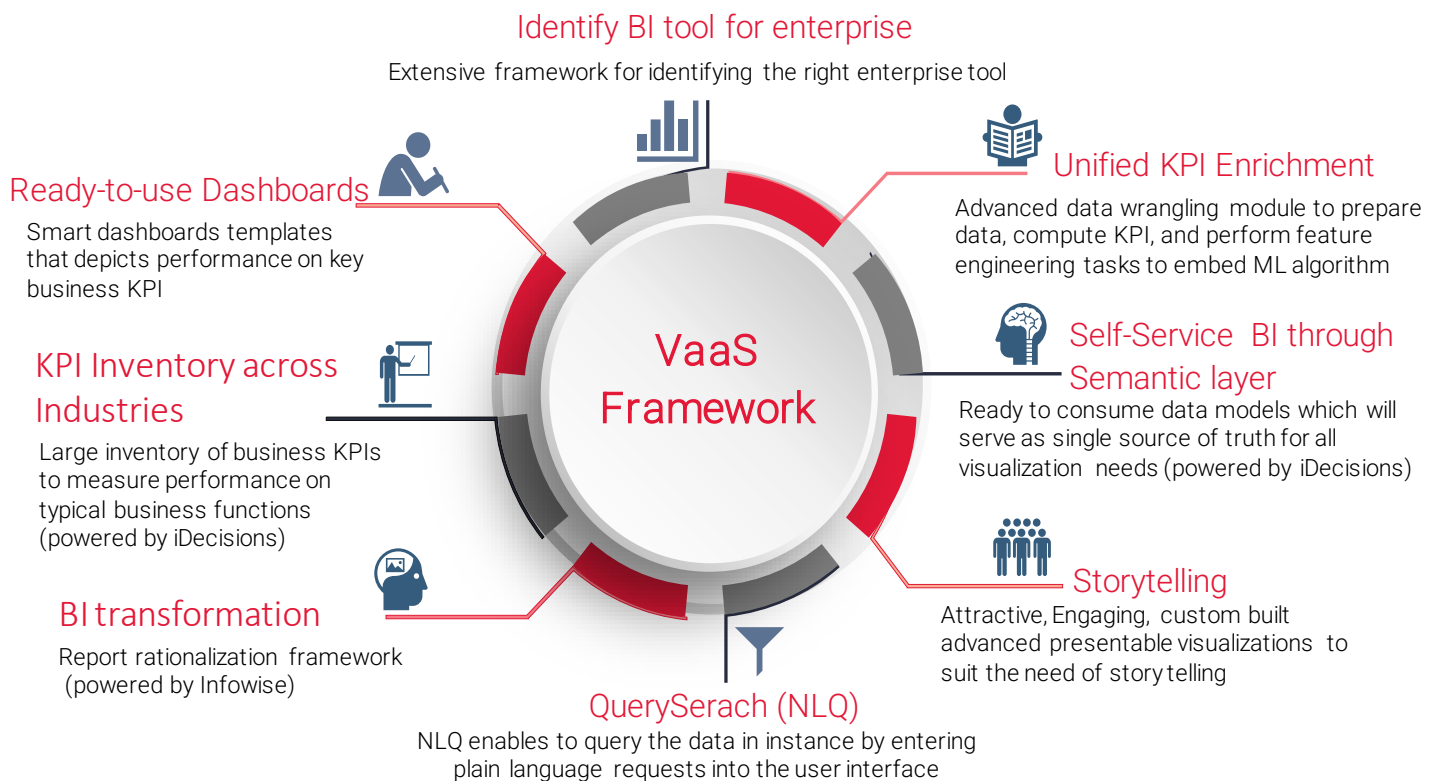Users lack the right information due to multiple versions of data

Compromise on Compliance & Legal requirements
Lack of knowledge and thus consistency in legal & compliance forms

Poor Performance
with huge data volume and complex calculations.

Visualization as a Service

Visualization framework for Analytics & business performance management

Identify BI tool for enterprise
Extensive framework for identifying the right enterprise tool

Ready-to-use Dashboards
Smart dashboards templates that depicts performance on key business KPI

Unified KPI Enrichment
Advanced data wrangling module to prepare data, compute KPI, and perform feature engineering tasks to embed ML algorithm

KPI Inventory across Industries
Large inventory of business KPIs to measure performance on typical business functions (powered by iDecisions)

VaaS Framework

Self-Service BI through Semantic layer
Ready to consume data models which will serve as single source of truth for all visualization needs (powered by iDecisions)

BI transformation
Report rationalization framework (powered by Infowise)

Storytelling
Attractive, Engaging, custom built advanced presentable visualizations to suit the need of story telling

QuerySerach (NLQ)
NLQ enables to query the data in instance by entering plain language requests into the user interface

Single source of truth for everyone || Reduced data redundancy || Reusable reports and dashboards templates
Enable Self serving capabilities || Enhanced collaboration through data sharing

Benefits

Ready To Use Insights

Consumption ready dashboard with standard KPIs

Template based module to pick and choose based on the reporting needs (manufacturing, Retail, etc.)

Cost Savings, Faster Go To Market

Accelerated development and ready to consume insights results into dollar savings
Complete automation of implementation tasks with minimal manual intervention

Accelerators

Huge repository of industry specific KPIs
Ready to use dashboard templates, pre-developed semantic model,
Mock wireframes for various modules across domains through demo dashboards

Faster BI Transformation

Report rationalization framework to ease the effort and reduce the time
Customer BI tools evaluation framework to ensure the right enterprise tool for your organization

Future Ready

Machine learning / embedded advanced analytics capabilities Attractive, Engaging, custom built advanced presentable visualizations to suit the need of story telling

Tech Mahindra

Connected World. Connected Experiences.

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