One of the best ways to assure success for your analytics projects is to select the right use cases. Our team of experts has helped hundreds of other organizations identify the right use cases and prioritize projects based on each company’s individual goals, objectives, skill sets and dynamics. By engaging Hitachi Vantara at this critical stage, you can learn from all of our past engagements and maximize the success of your projects. During this workshop, you will prioritize your high-impact analytic use cases and create a realization road map in a collaborative atmosphere that aligns business and IT.

Typical Three-Day Workshop Outline

**Day 1: Current State of Business and Technology**

- **Introductions and project review:** Introduce all workshop participants by their roles and responsibilities. Walk through the workshop’s high-level objectives.
- **Overview of business intelligence (BI) and analytics methodologies:** Identify available architecture and implementation options to improve upon it.
- **Demonstrate business issue:** Detail the strategic value to the business in terms of skills, revenue, risk and time to market.
- **Establish current data flow and process:** In a collaborative session, identify current processes and procedures for acquiring and processing data.
- **Prioritize business objectives:** Identify the top three business objectives and define success criteria to meet each of them.
- **Technology, data discovery, analytics and BI system analysis:** Assess current technology and availability of specific information in accessible data sets. Use visual tools to make the process of finding data elements and assessing their quality rapid and intuitive.
“We would be dead in the water without Pentaho. Getting an initial consulting and education helped us not only to get up and running pretty rapidly, but also to gain the confidence we needed to have on the full power behind Pentaho. We can easily say that having an initial architecture discussion allowed us to go to market three months ahead of schedule.”

– Matt Boisvert, Co-Founder and COO | Pharos Resources

Day 2: Analytics Solutions, Dashboard KPI and Business Processes

- Analyze prominent predictive problems: Study typical high-impact use cases, including sales forecasts, external market influences and customer demand signals, as well as predictive models, and adapt discussion to specific needs.
- Evaluate influential prescriptive analysis: Review sample inventory-level model and shape discussion to your objectives.
- Develop impact versus feasibility matrix: Balance impact with feasibility by mapping the different use cases.
- Prioritize use cases: Prioritize and classify analytics use cases discussed on Day 1 and Day 2.
- Introduction to Hitachi Vantara’s Pentaho platform: Presentation and demonstration of Pentaho Business Analytics (BA) software.
- Roles and key performance indicators (KPIs): Identify the roles to drive each identified use case and success metrics.

Day 3: Plan Analytics Objectives and Prepare for Data Exploration

- Sales department perspective: Identify and discuss use cases best aligned to drive revenue.
- Finalize scope, requirements and schedule: Finalize scope of use cases, project requirements and schedule.
- Data extraction plan: Identify on-and off-premise data sources and most efficient methodology to extract data.
- Support personnel: Identify support personnel to guide core group.
- Determine project risks and contingencies: Determine project risks, contingencies, assumptions and constraints by set deadline.

Workshop Requirements and Skills

Ability to identify the three top use cases to set high-level scope

Resourcefulness to determine data available to support use cases, real-time requirements and quality of data

High-level understanding of big data, internet of things (IoT), business intelligence and analytics: descriptive, predictive or prescriptive
Benefits

■ Establish scope. Clearly articulate scope for each proposed high-impact use case.
Map each use case to a specific business outcome with KPIs and success criteria to prove value of initiative.

■ Set data requirements. Unearth known issues and risks. Plan to integrate cloud and on-premises storage and compute sources. Trade off between data size and lag in analytics. Get educated on big data potential with Hitachi Vantara capabilities.

■ Improve alignment. Align all parties and commit everyone on use cases. Assign responsibilities.

Duration

■ Three days – on-site workshop.

Questions This Workshop Answers

■ What are the opportunities for high-impact descriptive, predictive and prescriptive analytics?

■ What is the vision, goals and objectives for each of the high-impact uses cases within the project?

■ What are realistic benefits of each of the use cases within the proposed project?

■ What is the technical architecture needed for the solution?

■ What are the technology options that I can choose from to accomplish the above objectives and goals?

■ What big data technologies are utilized in the solution? Do I have to possess them?

■ What are the best practices for big data and Hadoop eco-systems and NoSQL databases?

Hitachi Vantara at a Glance

Your data is the key to new revenue, better customer experiences and lower costs. With technology and expertise, Hitachi Vantara drives data to meaningful outcomes.