Safe Harbor Statement

The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described for Oracle's products remains at the sole discretion of Oracle.



Oracle Analytics Cloud Driving Data Driven Actions

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Expanding Well-Known Opportunity

- 10X return on analytics investment
- \$430b advantage to those who analyze all relevant data and deliver actionable insights
- Al promise to drive productivity gains



Harvard Business





The New Technology Enabler

Machine Learning is based on algorithms that can learn from data without relying on rules-based programming.

McKinsey





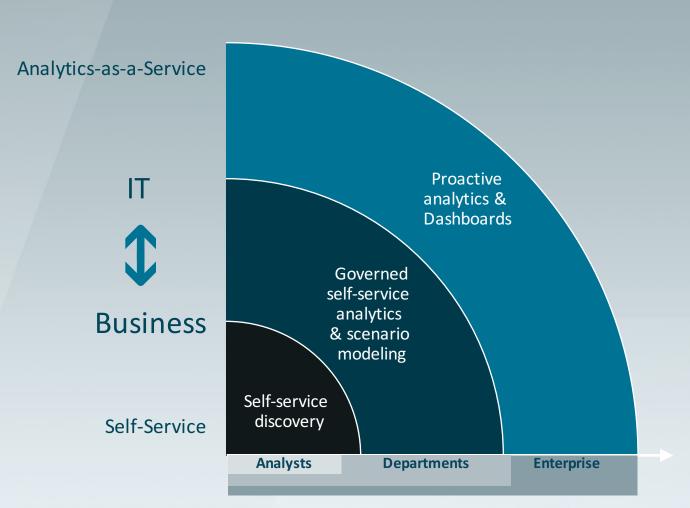
Oracle Analytics Cloud Powers Data-Driven Innovation

Comprehensive, Flexible, Cloud Analytics

- Full range of capabilities, Enterprise BI, Self-Service
 Data Visualization and Essbase for What-If and
 Scenario Management
- Self-Service Data Visualization and Essbase is included at every level

The Power You Need When You Need It

- Ability to scale up/down at will
- User controlled API and Dashboard based patching and backup schedule

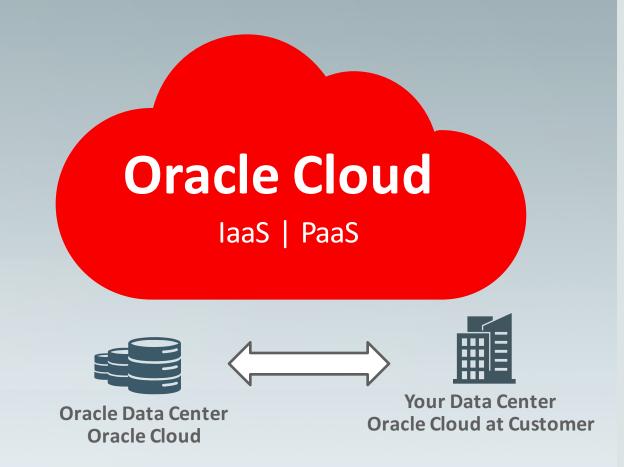




Oracle Cloud Machine

Oracle Cloud Behind Your Firewall

- Same Oracle Cloud
- Same subscription (IaaS, PaaS) and Pay-as-You-Go (PaaS) pricing
- Oracle owns hardware and software;
 manages the platform remotely
- Leave the stack to Oracle. Focus on using the services
- Single vendor handshake





Oracle Analytics Cloud - Smart Analytics for Everyone



ANALYSTS AND DATA STEWARDS

- Transforms, enrich and heal data sets in preparation for analysis
- Faster time to insights
- Share and collaborate



BUSINESS USERS

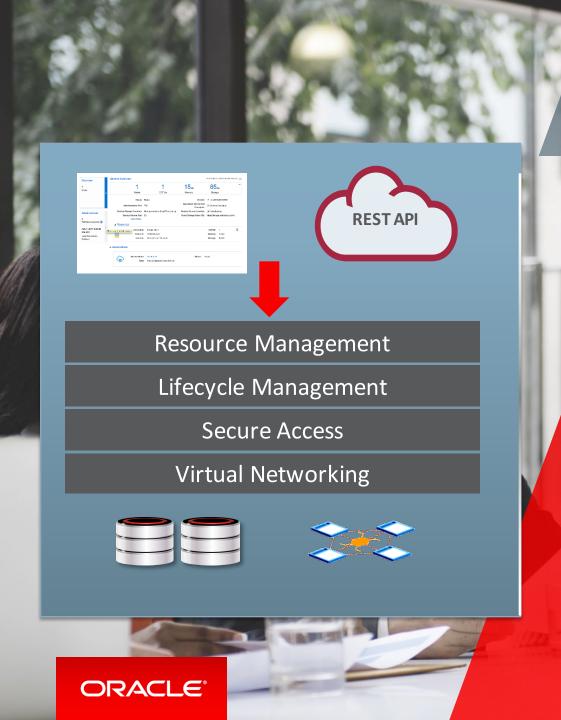
- Easy, timely, proactive business insights
- Empower to go beyond consuming others' findings



DEVELOPERS

- Develop and deploy analytic applications for people to customize and personalize
- Embed analytics in any application context





Oracle Analytics Cloud: Architected for Flexibility

Key Features

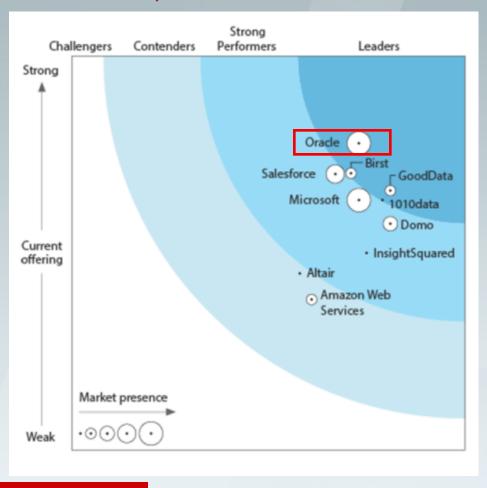
- Resource Management: Run any app at scale with consistency
- Lifecycle Management: Provision and manage service environments through a UI or Script via REST API
- Secure Access: Security Groups and Access Control to secure network access, SSH access to the VM
- Virtual Network: Range of networking options to enable private and faster connections

Benefits

- Predictable Performance
- Speed Innovation & Agility
- Co-Existence & Seamless Migration

How do Analysts view us?

Forrester: Analytic Cloud Platforms



BARC: Enterprise Analytic Platforms







Discover



Liberate Insights from Any Data

Easy access to a variety of data sources

- Few clicks to setup and use
- Vast number of sources supported

Special Oracle SaaS Integration

- Access to business entities, not just tables and columns
- Respects security, business rules, and governance on source systems
- Leverage calculations and business logic in reports

Inline or "Extract-and-Analyze"

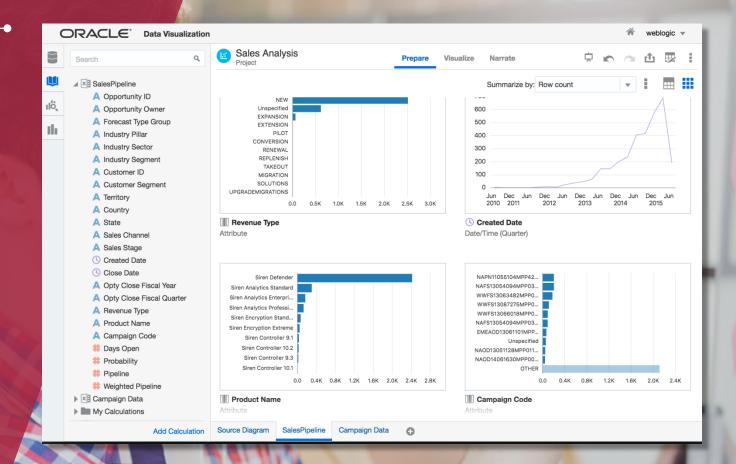
 IP built over two decades in function shipping (sourcespecific code generation) and internal execution now powers business user self-service



Explore & Understand Unfamiliar Data

Visual data diagnostics

- Understand the shape and quality of any dataset through automatic visualizations
- Automatically infer data types, logical types (e.g. dimension, metric, geography, time)
- Highlight statistically relevant attributes





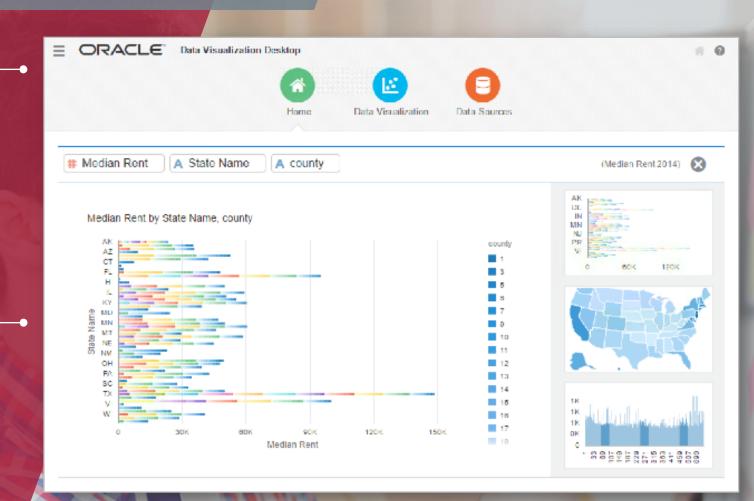
Talk to Your Data with BI Ask

Powerful, intuitive keyword search

- Interprets semantic layer, user private data, expression library and catalog artifacts
- Voice-enabled
- Fuzzy match, stemming, natural language processing
- Generates on-the-fly queries visualizations are auto-created while user types

Available on all platforms

- Mobile
- Browser
- Desktop







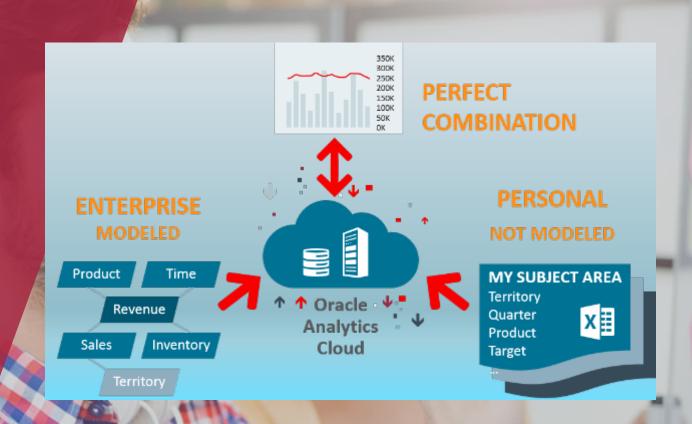
Prepare



Business Agility & Data Reliability

Balance business needs with data governance

- Combine all relevant information from any data source, managed and self-service
- Stay productive with intelligently optimized queries
- Robust data mashup support variety of join options and key inference

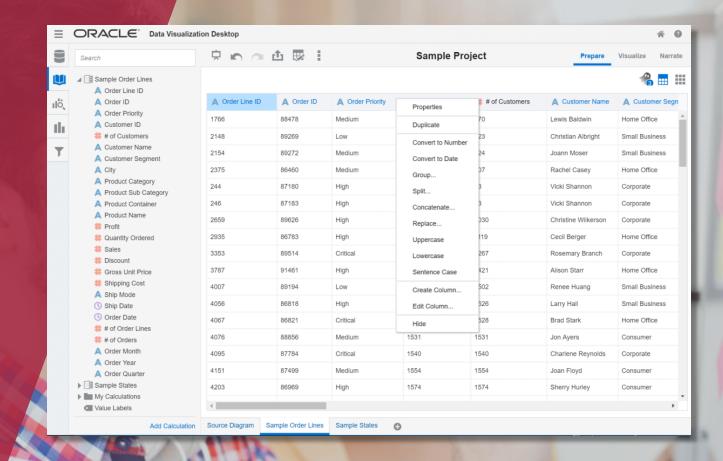




Quickly Enrich and Prepare Any Data

No coding skills required

- Provides an intuitive user driven data preparation interface
- Standardize inconsistent values, replace null values and remove duplicates
- Create custom groups and expressions

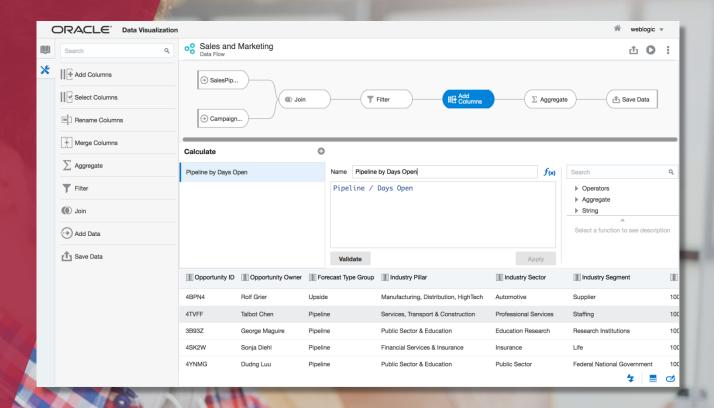




Design & Debug Powerful Data Flows

Full-featured pipeline designer

- Deploy prepared transforms within robust data pipelines
- Blend multiple data sets, aggregate results, define the order of complex data flows

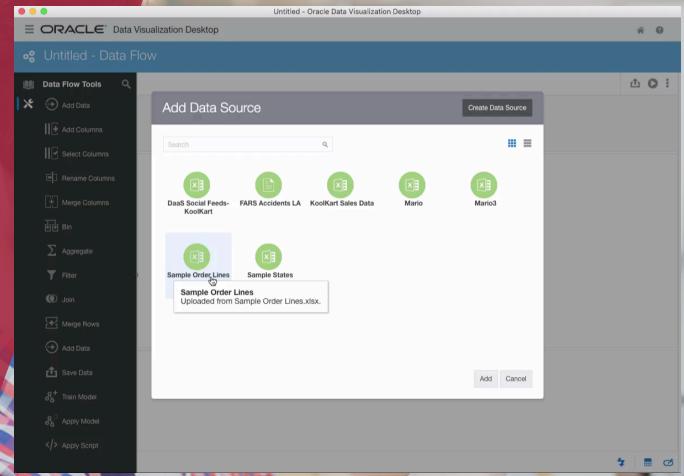




Powerful Data Flows and Enrichment

Self Service Data Preparation

- Sharable and traceable business data transformations
- Avoids Excel clutter and empower analysts to enhance data with no coding skills required
- Group values, join data sets, subselect rows/columns, aggregate, calculated fields etc.





lows can replace operations that user are doing in Excel today, or can sale to transform volumes of data



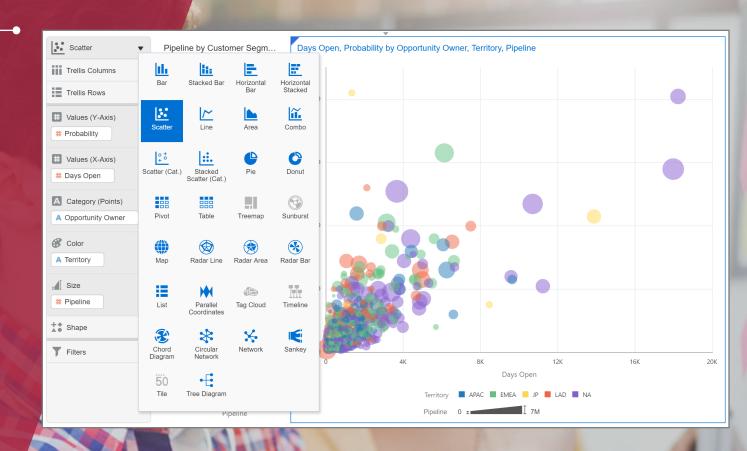
Analyze



Interactive Visual Composition

Best Data Visualization Capabilities

- Rich palette of chart types, combo charts of lines, areas, bubbles, and more
- Smart Chart advisor automatically selects best fit visualization based on selected attributes
- Trellising for every visualization; customizable color palette
- Brushing highlight correlations within data across visualizations, all auto-wired to work/update in unison, leveraging in-memory cache/execution layer





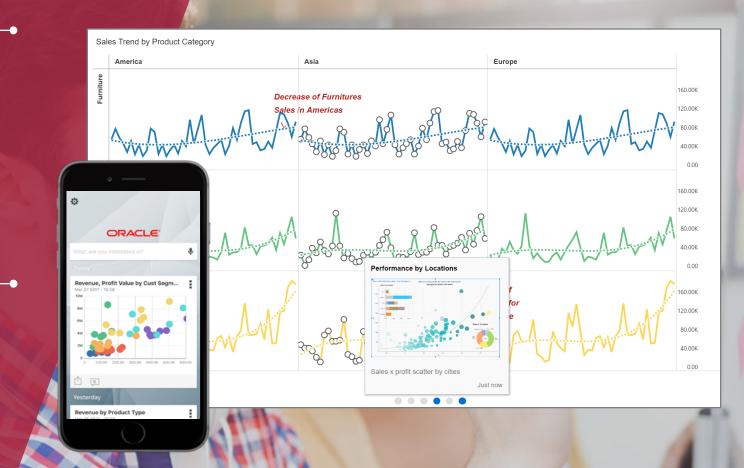
Tell Better Stories with Your Findings

Interactive data storytelling

- Evaluate each story point, "kick the tires" and validate conclusions
- Presentation mode enables focus on the story point, while offering complete interactivity
- Freeform text and images enable in-place discussions

Consume anywhere

- Mobile, desktop and browser
- Native integration with mobile platforms to enable seamless hand-offs, screen-shares, and more





Role-based Visualization Content Packs

Pre-built data visualization content

- Included with Oracle Data Visualization Platform
- Extends OTBI insights with pre-built data visualization sample content
- Targets specific line-of-business personas
- Identifies difficult-to-spot business opportunities, innovations and patterns
- Blends data across business functions, lines of business and applications
- Quick ad-hoc exploration of OTBI and other data with intuitive business user interface
- Near real-time access to data from OTBI and other Oracle application sources



Project Manager

Cost Management

- Campaign performance
- Campaign cost



- Top deals in Play
- Sales review
- Pipeline trend
- Revenue trend



- Campaign performance
- Campaign cost











Payables Manager

- AP Balances
- AP Holds
- AP Overdues





Grants Manager

- Budget vs. Actual
- Award Cost Details
- Award Encumbrance Details



Sales Manager

- Team
 performance
- Quota attainment
- Pipeline review
- Demand generation







Service Manager

- Open incidents
- Closed incidents
- Team performance







Predict



Predictive Analytics

Visualize Predictive Factors

- Drag-and-drop clustering and outlier detection
- Singe-click trending and forecasting
- Enable easy incorporation of template-driven statistical, predictive and textual (feature extraction) models which can then be used for scoring with data sets

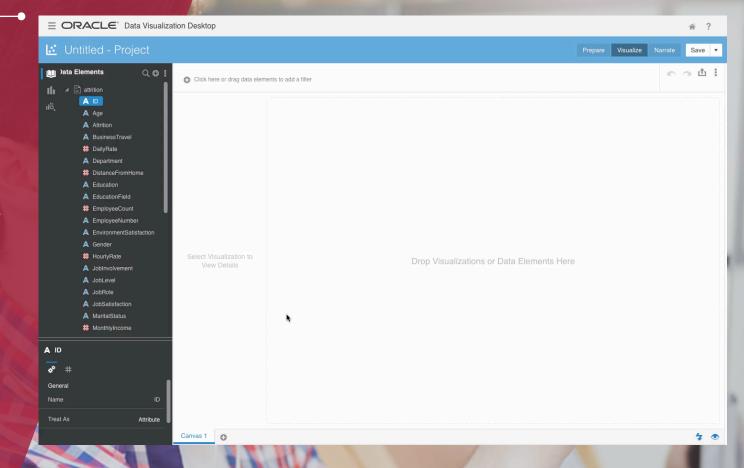




Identify What Drives Your Business

Machine Learning for the Business

- Have OAC Auto ML analyze and explain any attribute
- Uncover what drives your results
- Identify and analyze key segments of behavior
- Discover anomalies where data is not aligned with expected patterns
- Interact with the outcome and collaborate with others

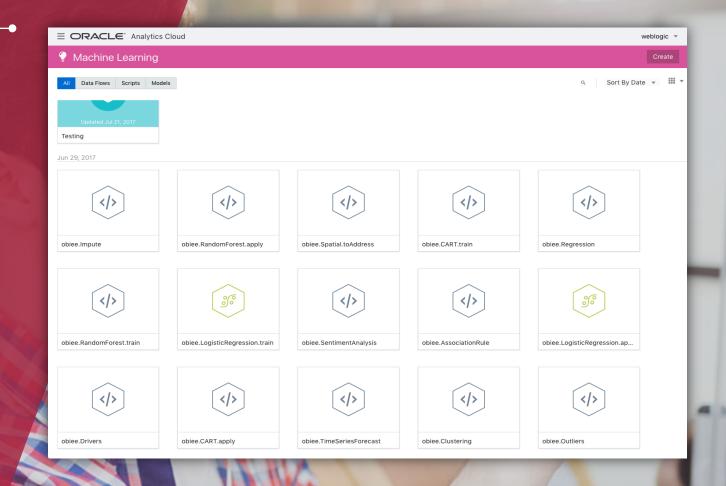




Unlock the Full Potential of Machine Learning Capabilities

Train and User Predictive Models

- Train Model using Data Flow
- Bring your own script or choose from a selection of built-in scrips
- Create and manage models in the OAC Catalog
- Use Models to predict data in Data Flows or as part of the Analysts experience





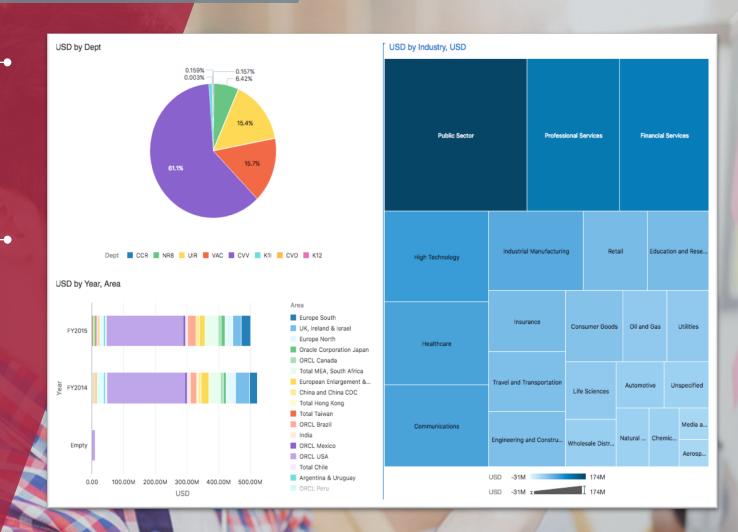
What-if, Collaboration & Workflow

Modernized architecture for Cloud

- Personal to enterprise business modeling
- New enterprise grade capabilities such as user session recoverability, parallel security refresh, hot backup
- REST API

Full Essbase Capabilities

- User scripting support with MAXL and a new CLI
- Access to custom optimization and configuration
- New capabilities for Sandboxing and scenario management
- Wide-range of business modeling and management reporting applications





Build Collective Intelligence with Day by Day

Anticipates questions through self-learning

- Infuse data-based insights into daily activities
- Get customized feeds based on what you are interested in, when and where you are interested in it, and who you collaborate with
- Anticipates your needs and delivers appropriate information to help you make better informed decisions throughout the day
- Use your device's voice capabilities to obtain answers





Extensible by App Developers

Visualization SDK

- Develop custom visualizations with Javascript/D3
- 100% functional, LCM parity with native visualizations

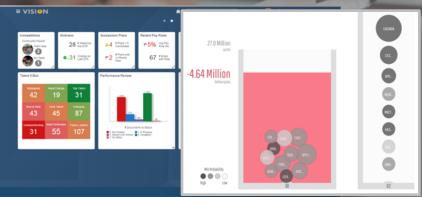
Function extensibility

- Extend the expression library with custom functions (e.g., stats, machine learning or textual functions)
- Leverage custom functions anywhere Visual discovery,
 Data Prep, and more

Full Embedding SDK

• Full ability to natively embed visualizations and stories with native interaction









Demo



Oracle Analytics Cloud

Liberate all data and connect to more than

Powerful tools for auditable and traceable data blending, wrangling, and cleansing

Intuitive and rich exploration with selfservice data visualization

50 different data sources

Anticipate questions through self learning and build collective intelligence by socializing insights across the organization

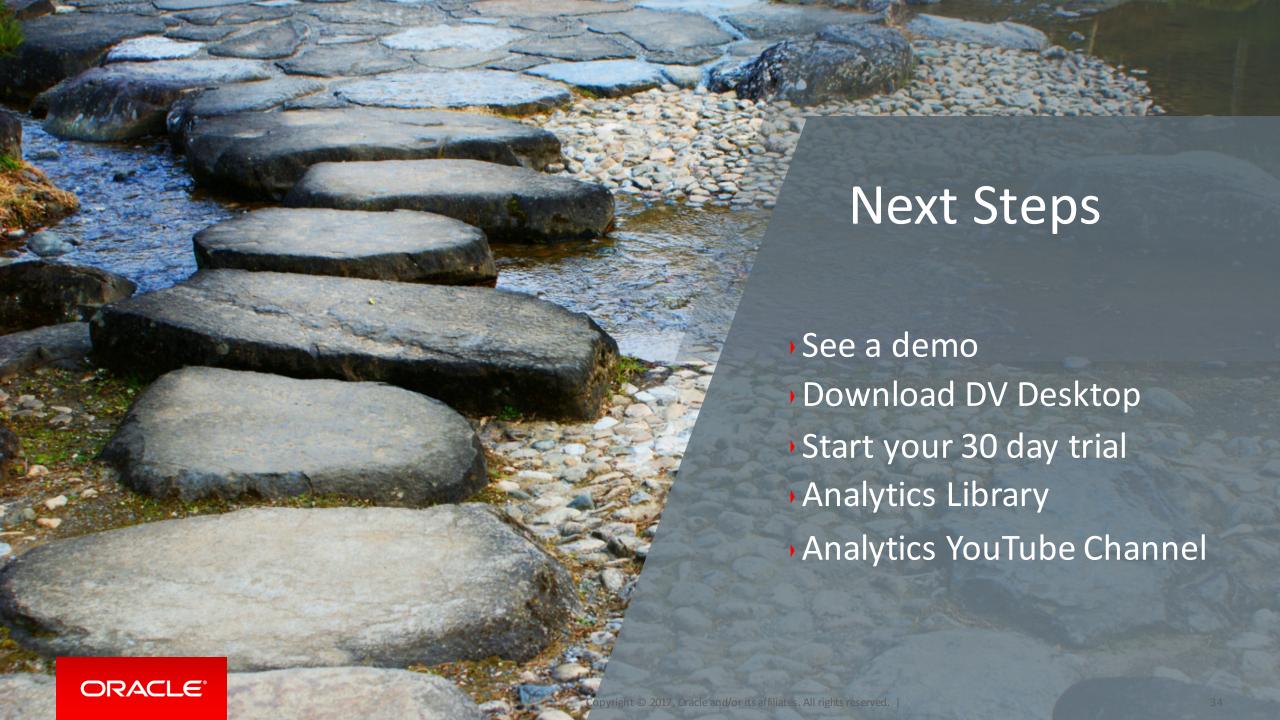


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