

# Oracle Data Visualization Content in Oracle Fusion Applications Cloud Service

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WORLD

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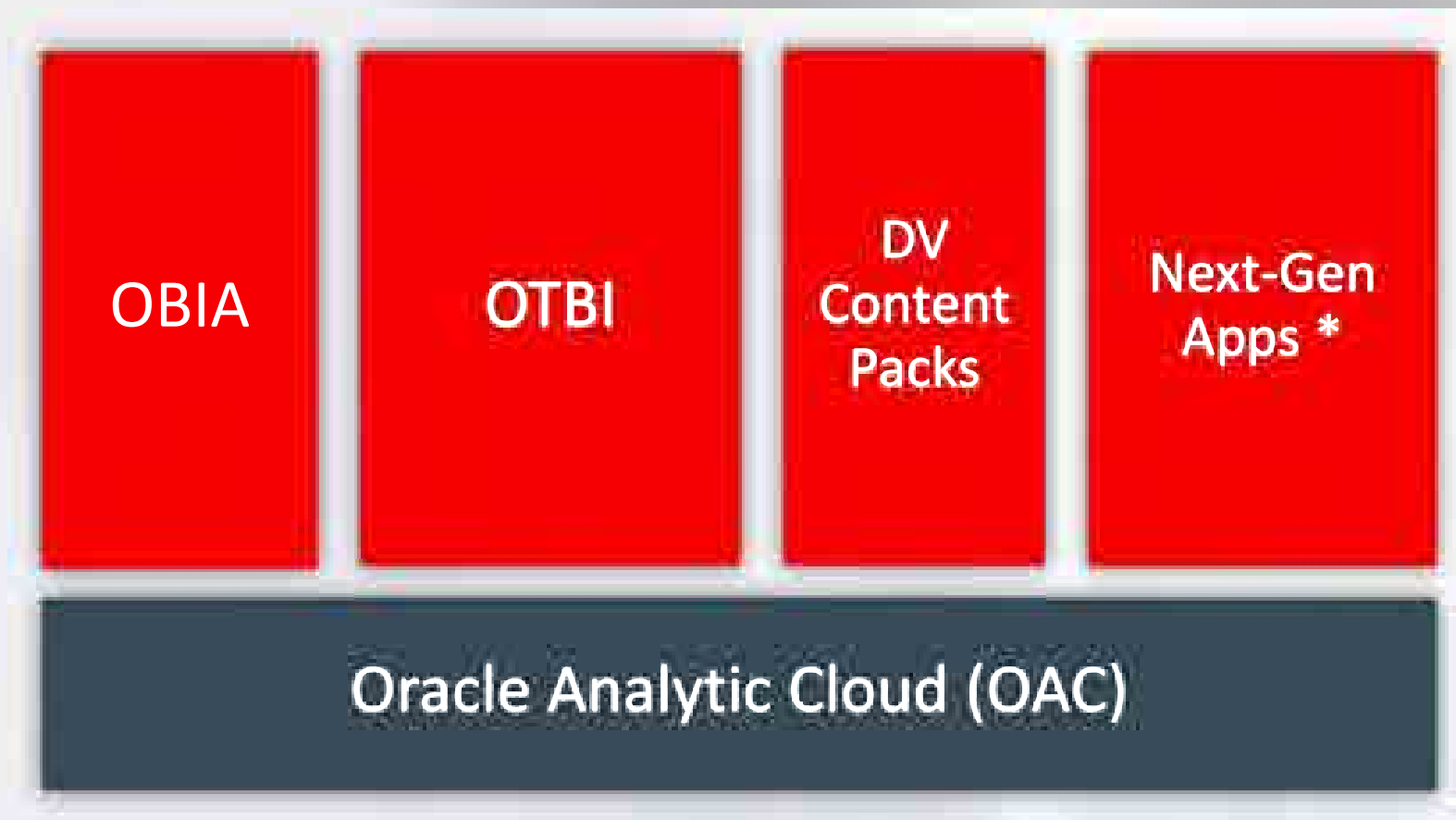
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Oracle Analytics  
October 4, 2017

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## 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 Analytic Apps Portfolio



\* Planned for future releases



# Oracle Business Intelligence Applications (OBIA)



- **Packaged Apps** for HCM, ERP, SCM & CX
- **Pre-built** Data Warehouse, Data Extraction, Data Model, Reports & Dashboards
- **Flexible Deployment** options
  - Cloud: powered by Oracle PaaS & Oracle Analytics Cloud
  - On-Premise: powered by OBIEE
  - Hybrid options where needed
- Supports Cloud, On-Premise & 3<sup>rd</sup>-party **data sources**
- **Fully extensible** and **customizable**
- Proven solution: **4,000+** customers / **8,000+** metrics
- **Customer-managed** solution

# Applications Cloud Analytics: Delivering Business Insights

## Oracle Transactional Business Intelligence (OTBI)



- Real-time operational reporting **embedded** in Oracle Cloud Applications (ERP, HCM, CX)
- Daily decision making, proactive problem resolution, and business speed and agility
- Always Available, Delivered in Context
- Access across a user's touch points – Web, Mobile, Microsoft Office™
- Supports Fusion Extensibility
- Enables Operational Excellence

# OTBI Mechanics Refresher

Embedding uses Page Composer, Page Integration Wizard, or App Composer



The screenshot displays the "Page Integration Wizard: Existing Pages" interface. The main window is titled "Page Integration Wizard: Existing Pages" and features a search bar and a list of existing pages. The list includes:

- Search:** Sales Representative
- Category:** Dashboards
- Item 1:** Title: My Actuals vs. Quota (with "Open" and "Add" buttons)
- Item 2:** Title: My Forecast vs. Open Pipeline (with "Open" and "Add" buttons)

The interface also shows a "Add Content" section at the top with a search bar and a list of content items.

# 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

**Finance Manager**

- Revenue Overview
- Revenue and Headcount Analysis
- Cost Management

**Project Manager**

- Campaign performance
- Campaign cost

**Sales VP**

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

**Marketing Analyst**

- Campaign performance
- Campaign cost

**Payables Manager**

- AP Balances
- AP Holds
- AP Overdues

**Grants Manager**

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

**Sales Manager**

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

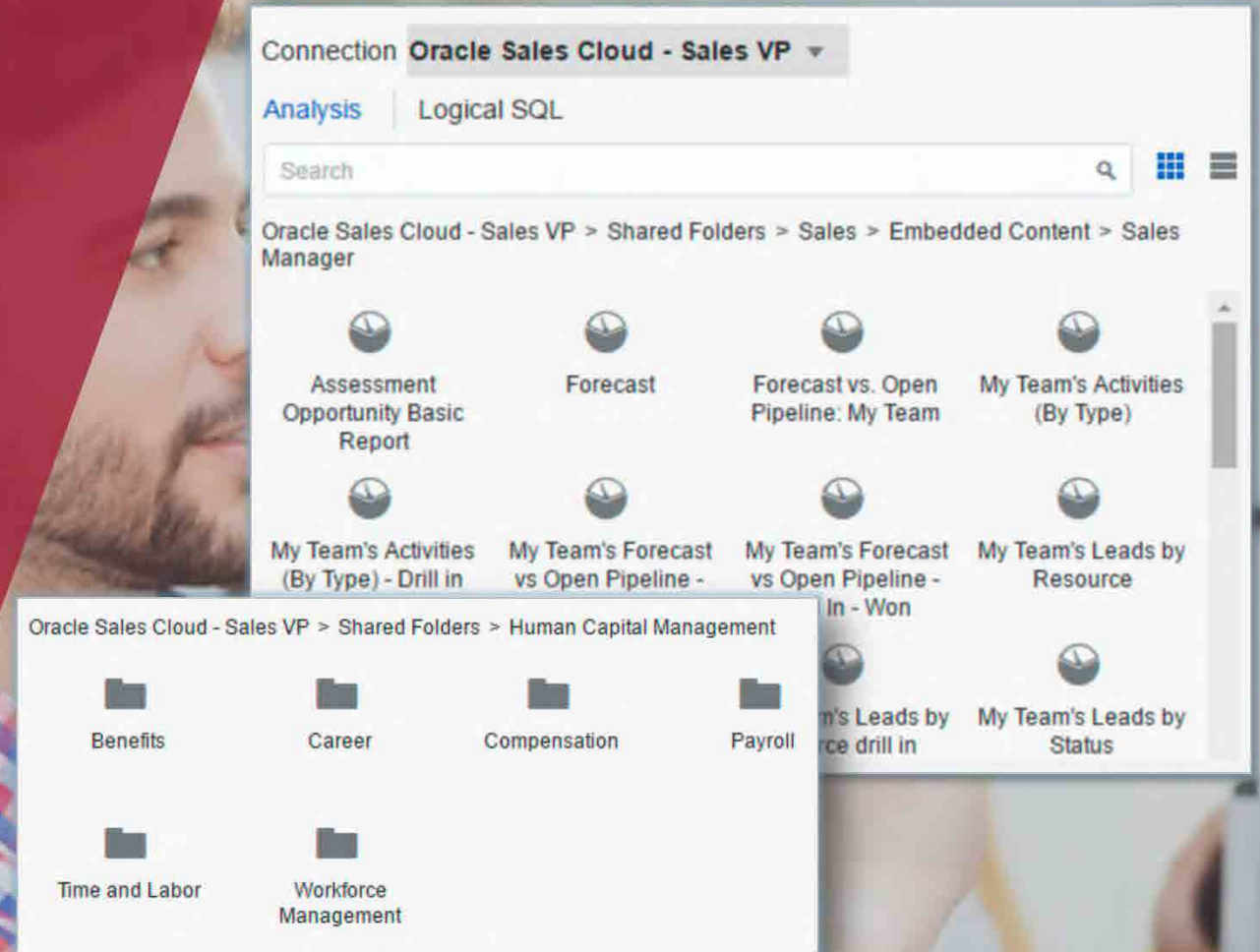
**Service Manager**

- Open incidents
- Closed incidents
- Team performance

# Leverage Smart SaaS Connectors

## No re-work required for Oracle SaaS Applications

- Access to business entities, not just tables and columns
- Respects security, business rules, and governance on source systems
- Browse and select 1000's of pre-built views as data sources
- Leverage calculations and business logic in reports





# 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

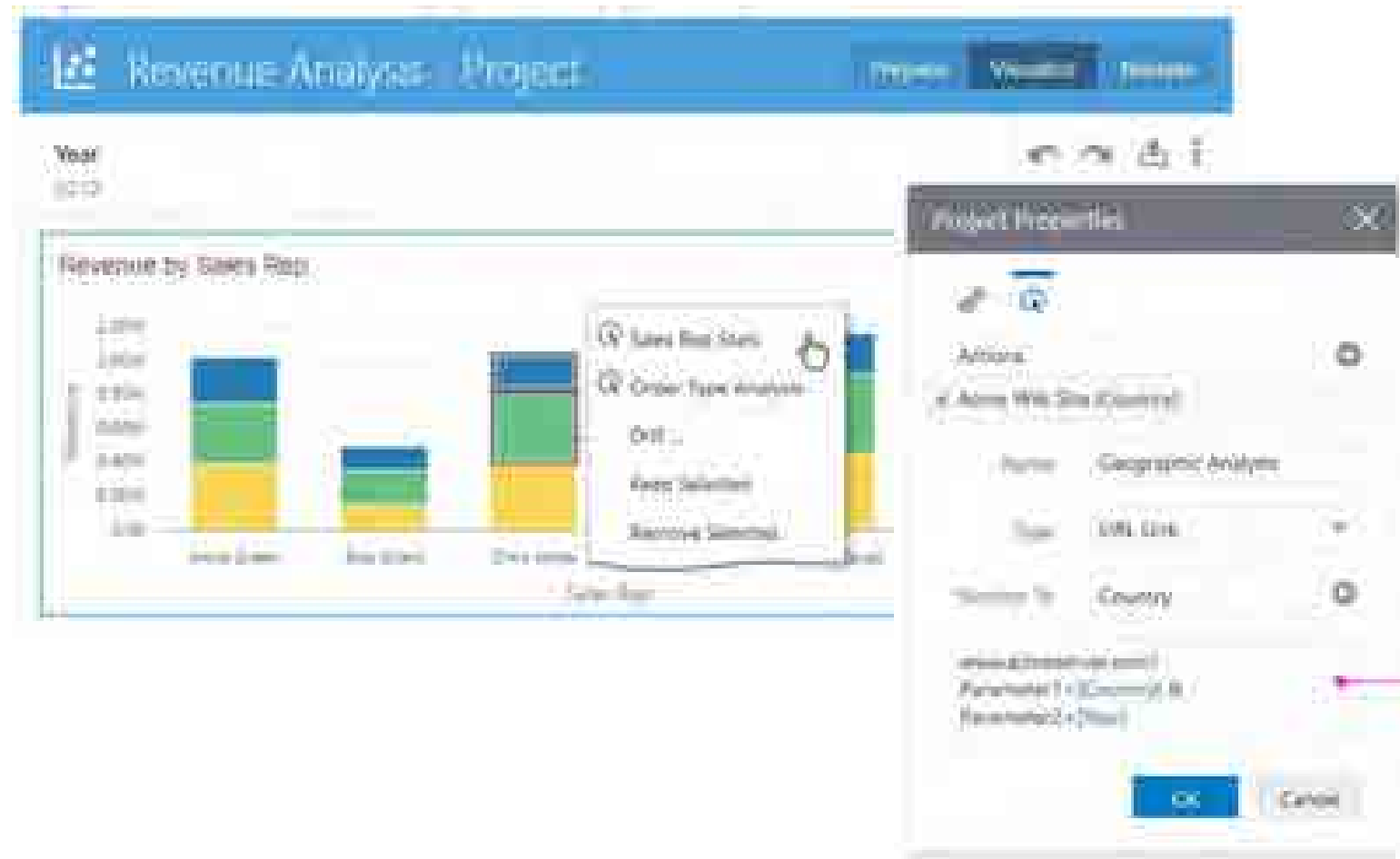
## Inline or “Extract-and-Analyze”

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



# Data-driven Actions Close the Loop

- Can pass:
  - The data context of a Project (filters)
  - Context from a specific visualization (i.e., this state)



# Content Pack Demo

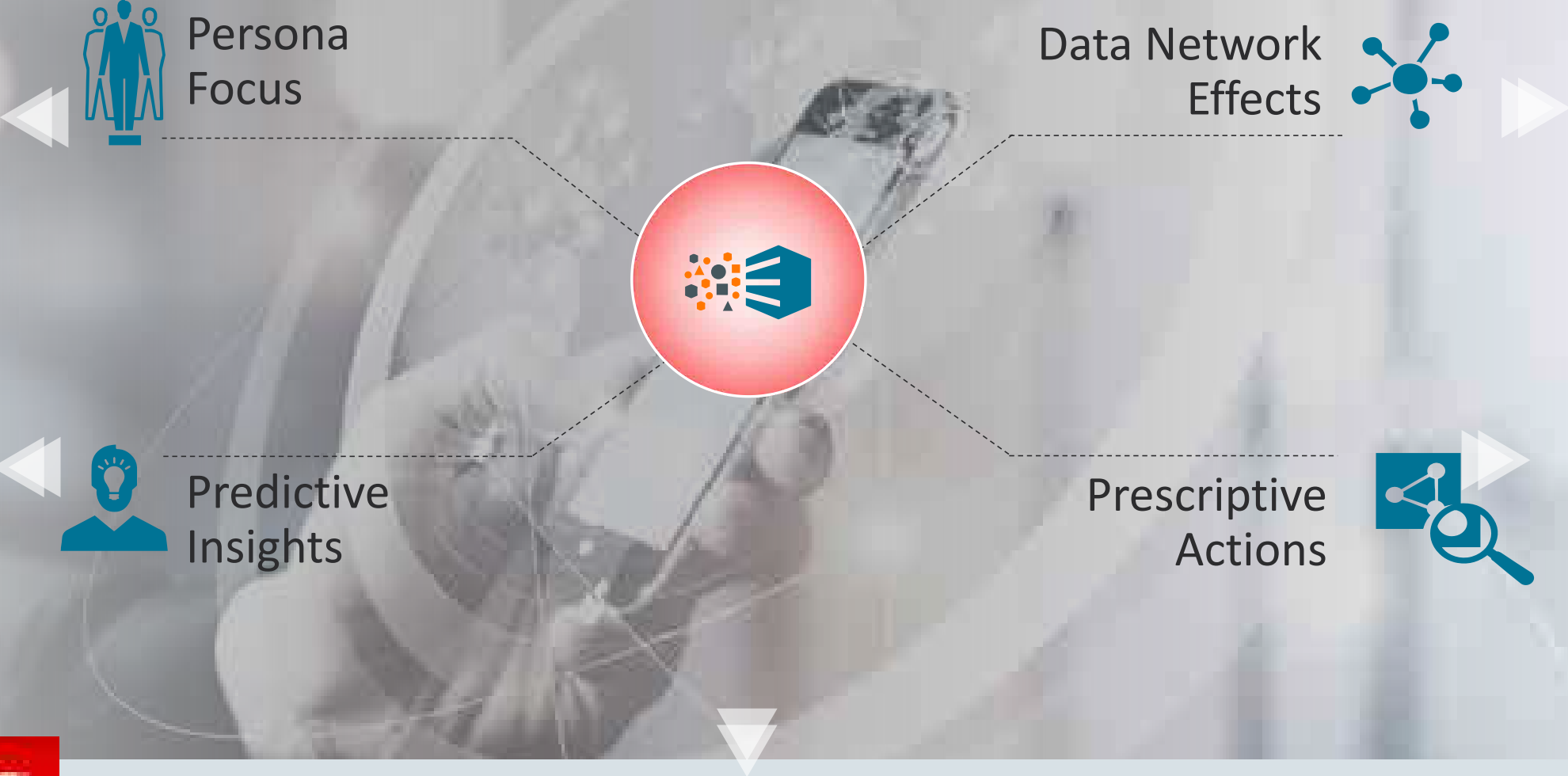
# Data Visualization Embedding

# Embedding APIs

- Oracle DV UI components (initially viz) can be embedded in another web page. Depending on client technology, one of the following modes can be used:
  - Application using Oracle JET
    - If the embedding application uses JET, Oracle DV embedding extends the application with components it needs.
  - Application not using Oracle JET
    - If the embedding application uses other AJAX technology but not Oracle JET, Oracle DV embedding brings in its JET distribution into the page along with all additional components.

# Data Visualization Embedding Demo

# Key Drivers of Next-Gen Analytic Apps



# Next-Gen Apps Demo



# More Information on Oracle Analytics Cloud

- Oracle Analytics Cloud
  - [https://cloud.oracle.com/en\\_US/oac](https://cloud.oracle.com/en_US/oac)
- Oracle Data Visualization
  - <https://www.oracle.com/solutions/business-analytics/data-visualization.html>
- Oracle JET
  - <http://www.oracle.com/webfolder/technetwork/jet/index.html>



# Next Steps

- ▶ Prioritize your use cases
- ▶ Plan your cloud journey
- ▶ See a demo
- ▶ Start your 30 day trial [here](#)

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# Notes #1

- SESSION INFO

Session ID: CON7026

Session Title: Oracle Data Visualization Content in Oracle Fusion Applications Cloud Service

Room: Marriott Marquis (Golden Gate Level) - Golden Gate B Date: 10/04/17

Start Time: 02:00:00 PM

End Time: 02:45:00 PM

# Notes #2

## Oracle Data Visualization Content in Oracle Fusion Applications Cloud Service

- Oracle SaaS applications are a rich source of data about enterprise performance. In this session hear how prebuilt analytical content and self-service capabilities delivered via Oracle Data Visualization can be incorporated into Oracle Fusion Applications Cloud Service (and any other SaaS) applications. Learn about the mechanics of embedding data and visualizations, as well as how to use analytics to drive transactional workflows for better, more-informed outcomes. Attendees also get a peek at future plans for this important area of application reporting and analysis.
- Takeaways
  1. Pre-built content using Oracle Data Visualization is delivered with Oracle SaaS applications
  2. How to use analytics to drive transactional workflows
  3. Understand future plans for application reporting and analysis

# Appendix

## Embedding in Oracle JET Application

1. Include Oracle JET version of `embedding.js`.

```
<script src="http://dx.company.com/dx/api/ui/v1/plugins/embedding/jet/embedding.js" type="text/javascript">
</script>
```

2. Include `<oracle-dv>` under an appropriately sized `<div>`.

```
<div style="position: absolute; width: calc(100% - 40px); height: calc(100% - 120px)" >
  <oracle-dv project-path="/shared/embed/test-embed">
  </oracle-dv>
</div>
```

3. Alternatively, parameterize `<oracle-dv>` attributes and add relevant value to the model.

```
<div style="position: absolute; width: calc(100% - 40px); height: calc(100% - 120px)" >
  <oracle-dv project-path="{{projectPath}}">
  </oracle-dv>
</div>
```

```
function MyViewmodel() {
  var self = this;
  self.projectPath = ko.observable("/shared/embed/test-embed");
}

```



