Oracle Analytics for Fusion ERP

Oracle Analytics for Fusion ERP is a packaged analytical application that empowers finance teams using Oracle Enterprise Resource Planning (ERP) Cloud to maximize the value of their data by delivering actionable insights. Monitor, align, and act with best practice driven key performance indicators (KPI's) delivered out of the box. This turn-key solution offers rapid return on investment for ERP Cloud customers with pre-packaged components and minimal configurations. Powerful and flexible, Oracle Analytics for Fusion ERP delivers personalized application analytics and data-driven insights powered by machine learning. Most enterprises operate in a hybrid landscape with a diverse set of applications including both Oracle Cloud applications and other non-Oracle applications. Oracle Analytics for Fusion ERP enables bringing over non-Oracle data so customers can get 360-degree insights across all data sources.

Oracle Analytics for Fusion ERP is the first offering from the Oracle Analytics for Applications portfolio. The primary goal for these analytics applications is to provide a modern advanced analytics solution to customers who are running Oracle Enterprise Resource Planning (ERP), Human Capital Management (HCM), Customer Experience (CX), and Supply Chain Management (SCM) applications. This new line of product brings together HR, Sales, Finance, and Supply Chain information together to support cross-domain insights.

Oracle Analytics for Fusion ERP leverages Oracle's comprehensive data and analytics platform consisting of Oracle Analytics Cloud and Oracle Autonomous Data Warehouse. The application includes a prebuilt Oracle-managed data pipeline connected to Oracle ERP Cloud; a ready-to-use designed database schema and semantic model; and out-of-the-box content that includes KPI's, dashboards, reports, and a modern self-service experience for business users.

Oracle Analytics for Fusion ERP is extensible, allowing customers to use the power of Oracle Analytics Cloud and Oracle Autonomous Data Warehouse to customize to their business. Business users can combine their other internal and external data sources with Oracle ERP Cloud data for a unified view of the business enabling deeper insights.

ORACLE®

BEST PRACTICE FINANCIAL KPI'S FOR MONITORING BUSINESS PERFORMANCE

Oracle Analytics for Fusion ERP delivers a library of best practice financial KPI's. Finance professionals and managers across the organization can monitor performance. KPI's and metrics provide coverage around profitability, balance sheet, financial ratios, account receivables, and account payables. Customers can perform variance analysis to previous periods, budgets, or performance benchmarks, quickly spotting deviations for course corrections before they become problems.

Sample prebuilt KPI's:

- **Profitability:** Net income margin, EBITDA margin, OpEx, payroll cost

- **Balance sheet / financial ratios:** quick ratio, net working capital, cash conversion cycle, days sales outstanding

- **Account payables:** AR turnover rate, AR outstanding, AR overdue, AR on time receipts %

- **Account receivables:** AP due in next 30 days, AP turnover rate, AP overdue, AP average supplier payment days
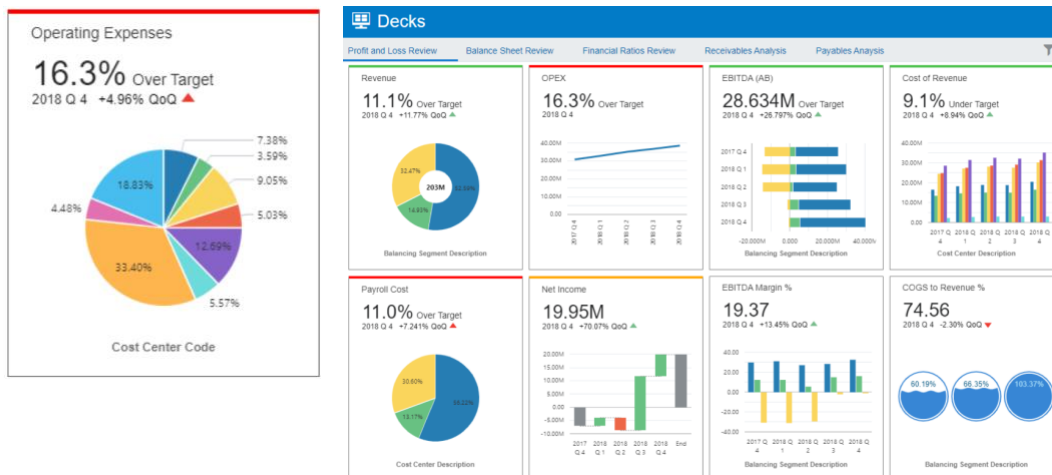
KPI cards and decks

A core part of the application comes from the use of KPI cards and decks. At a glance, a KPI card provides a lot of important information in a very small space to monitor the performance of a specific KPI.

- Alerts a user when the KPI is trending poorly or positively

- Shows the actual value of the KPI or variance to a particular target (budget, plans, benchmark)

- Shows a variance to a previous time period

- Shows a visualization (such as a dimensional breakout by cost center / product category, or a trend analysis over time)

- Provides the ability to collaborate by creating notes and actions within the application

Personalization

Finance users can customize their experience to their daily roles and responsibilities. Users can create personalized decks to track specific views (such as region, business units, etc.) and decide which KPI's to track on those decks. These decks can be used for day-to-day oversight, team meetings, exec-to-exec reviews, boardroom review, and more. The KPI's themselves can be personalized via easily changeable settings, which allow for customized visualizations, filtering, alerts, period comparisons, and targets.
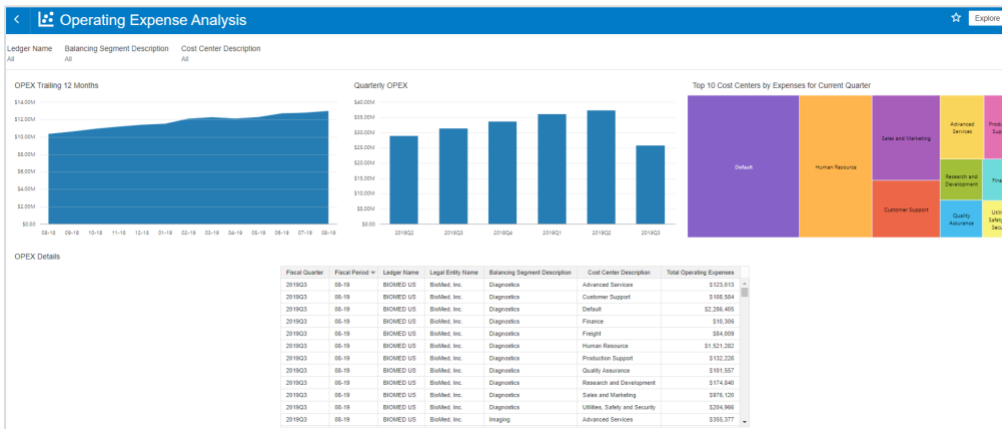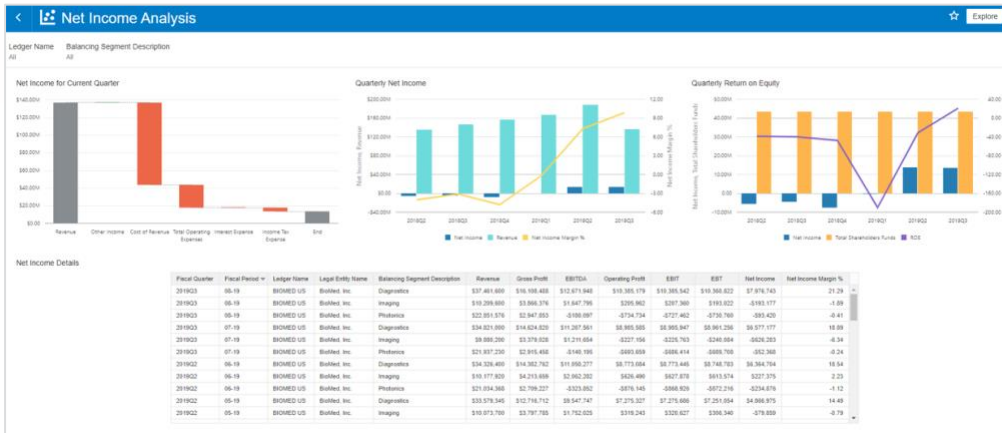
FAST ACTIONABLE INSIGHTS

Oracle Analytics for Fusion ERP enables navigation from high-level KPI's to prebuild analytical reports, uncovering greater detail for specific circumstances and financial processes. This results in more powerful insights and the ability to drive corrective measures.

For example:

- Understand the factors driving revenue, cost, and profitability across business units, geographic locations, customers, products, and distribution channels

- Optimize cash flow and working capital through more effective receivables and payables management

- Improve cash collections by identifying slow paying customers or billing issues and reducing days sales outstanding

- Identify opportunities to optimize supplier payment terms to improve working capital

- Review on time payment performance and invoice aging for suppliers

- Drill into invoice and payment transaction details

CONNECT DECISIONS

To make better decisions, serve up better customer experiences, accelerate innovation, and speed up response times, today's finance organizations need to expand analysis beyond standard finance data. Even so, many organizations are unable to do this because their data sets remain in silos, thus limiting the analytics they produce and slowing the business through inefficient decision-making.

Oracle Analytics for Fusion ERP breaks down these walls to easily combine your finance data with other data—from other Oracle applications, non-Oracle applications, or external data sources. This leads to valuable insights and fosters more data-driven conversations, greater collaboration, and faster decision-making among functional teams across lines of business.

OUT-OF-THE-BOX ORACLE DATA MANAGEMENT AND GOVERNANCE

Oracle Analytics for Fusion ERP is a complete, prebuilt analytics application. Beyond visible KPI's, dashboards, and visualizations, it includes the behind the scenes, data management and governance components for an enterprise-class product with appropriate security controls in place.
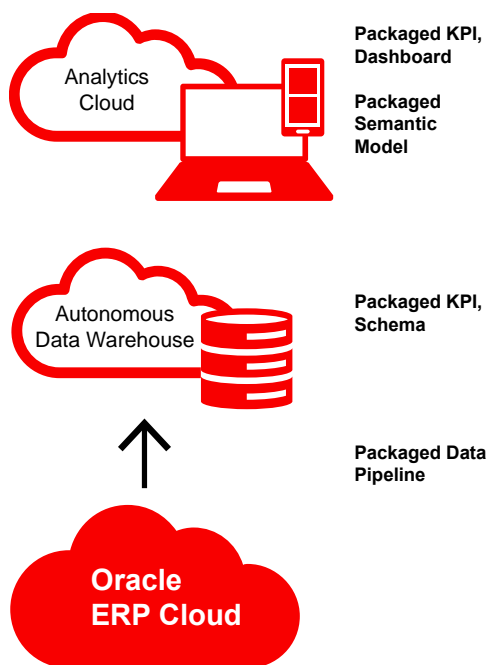
Prebuilt data pipeline

Oracle Analytics for Fusion ERP provides an Oracle managed data pipeline (from extraction to transformation to loading data). This permits the accelerated extraction of analytical data from Oracle ERP Cloud into the prebuilt data model housed within Oracle Autonomous Data Warehouse. IT and business analysts have more time to analyze as they no longer need to build these themselves.

Prebuilt financial analytics model

Oracle Analytics for Fusion ERP provides a single financial data model with more than 100+ metrics and best practices based on Oracle's experience across ERP and finance analytics implementations. The prebuilt data model accelerates the delivery of analyses on large volumes of Oracle ERP Cloud operational data: for example, to support balance sheet analysis; profitability analysis; and working capital analysis. The data model resides within the high performing Oracle Autonomous Data Warehouse optimized for fast analysis and reporting.

Prebuilt security framework

Oracle Analytics for Fusion ERP provides an out-of-the-box security framework. Oracle ERP Cloud users and application job roles can be synchronized and reused within Oracle Analytics for Fusion ERP, enabling faster time to value.

Analytics Cloud

Packaged KPI, Dashboard

Packaged Semantic Model

Autonomous Data Warehouse

Packaged KPI, Schema

Packaged Data Pipeline

Oracle ERP Cloud

EXTENSIBLE TO ADAPT TO CUSTOMER NEEDS

Oracle Analytics for Fusion ERP allows you to adapt to your organization's needs with an extensibility framework at all levels. This framework provides migration assurance through updates to new releases of Oracle Analytics for Fusion ERP and Oracle ERP Cloud applications. The data model will always be in sync with updates to ERP Cloud. There is no need to rebuild analytics and data solutions to take advantage of changes and extensions in the underlying applications.

Presentation extensibility

At the presentation layer, new KPI's can be created using a utility called KPI Editor. KPIs can be defined with finance data from the prebuilt data model or via external data (Excel files, data repository, or using 50+ connectors to access external data). Dashboards and reports can easily be created using Oracle Analytics Cloud self-service capabilities.
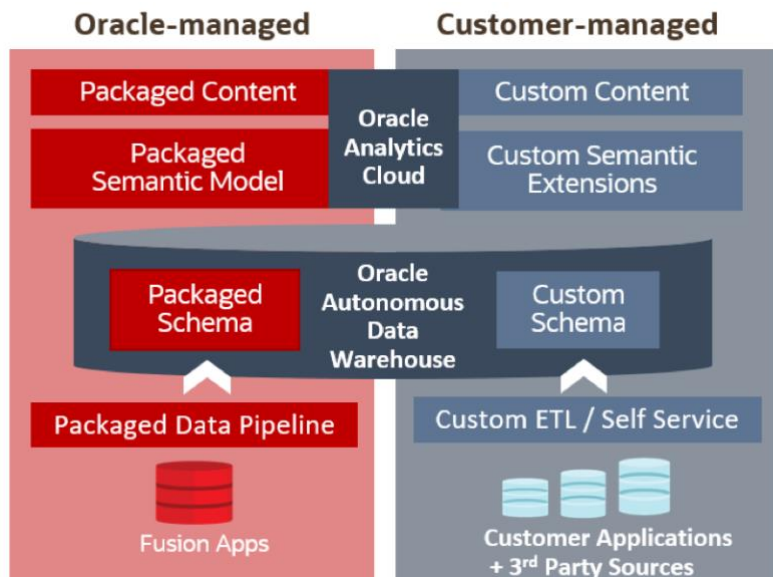
Analytic modeling extensibility

The packaged semantic model can be extended with custom subject areas, metrics, dimensions, and hierarchies via an easy to use extension wizard. Additionally, Oracle Analytics Cloud provides simple self-service tools for business users to model and manage attributes and measures via datasets.

Data extensibility

At the data layer, operational Oracle ERP Cloud extensions (Flex-Fields) are automatically integrated to the Oracle Analytics for Fusion ERP prebuilt data model. Additionally, external data can be loaded into the Oracle Autonomous Data Warehouse to extend the data model. Data can also be accessed via 50+ connectors with Oracle Analytics Cloud to offer the flexibility to connect to live or stored data.

A complete oracle analytics platform

Oracle Analytics for Fusion ERP combines Oracle Analytics Cloud and Oracle Autonomous Data Warehouse to provide a powerful and comprehensive analytics and data management platform.

ORACLE ANALYTICS CLOUD

- **Augmented analytics:** Augmented analytics with embedded machine learning throughout the platform drive smarter and better insights. Always on and always working in the background, machine learning is continuously learning from the data it takes in, making it smarter and more accurate as time goes by. Uncover deeper patterns and predict trends for impactful, unbiased recommendations using:

    o **Predictive analytics** for powerful one-click forecasting
    o **Automated explanation** of results that eliminate human bias
    o **Automated data enrichment** with no coding

- **Self-service analytics:** Self-service analytics drive business agility with faster time to insights. Access, prepare, analyze, and collaborate with all your data, all without any help from IT. Easily create data visualizations with automated chart recommendations and optimize insights by collaborating with colleagues on analyses using:

    o **Data preparation** for the business user
    o **Data visualization** for self-service visual analytics
    o **Collaboration** for shareable and traceable analysis

- **Comprehensive analytics:** Oracle Analytics is a comprehensive solution to meet the breadth of all analytics needs. Get the right data, to the right people, all at the right time with analytics for everyone in your organization. With built-in security and governance, you can easily share insights and collaborate with your colleagues. By leveraging the cloud, you can scale up or down to suit your needs using:

    o **Mobile capabilities** with voice-enabled access and real-time alerts
    o **Enterprise reporting** to schedule and mass-produce reports

ORACLE AUTONOMOUS DATA WAREHOUSE

- **Better, faster analytical queries**: Database In-Memory delivers speed-of-thought processing for sophisticated analytical queries. Database In-Memory implements leading-edge columnar data processing to accelerate your data warehouse analytics by orders of magnitude. Answers that used to take minutes to obtain are now available instantly. Nearly any question can now be quickly and easily answered.

- **Easier, faster management**: Oracle Multitenant is the architecture for the next-generation data warehouse in the cloud. It delivers easier consolidation of data marts and data warehouses by offering complete isolation, agility, and economies of scale. Oracle Multitenant offers additional benefits by providing a fast and efficient management framework for delivering sandboxes and data discovery platforms within the overall Oracle Big Data Management System.

- **Machine learning tools**: Provide Oracle machine learning for IT, database administrators, and data scientists to unearth deeper, unbiased insights.

SUMMARY

Oracle Analytics for Fusion ERP empowers finance teams to maximize the value of their data by:

- Finding new insights with their existing finance data.

- Delivering faster time to value with packaged finance analytics compared to building it themselves.

- Enriching and extending analysis by combining with external data using the power of Oracle Analytics Cloud and Oracle Autonomous Data Warehouse to make connected decisions.

The result is better, faster analytics, easier management, and augmentation with machine learning tools, all completely engineered with SaaS: tested, certified, packaged, deployed, upgraded, managed and supported together.

For more information,
visit https://www.oracle.com/solutions/business-analytics/analytics-for-applications.html

CONNECT WITH US

Call +1.800.ORACLE1 or visit oracle.com.
Outside North America, find your local office at oracle.com/contact.

B blogs.oracle.com/oracle   f facebook.com/oracle   y twitter.com/oracle

Integrated Cloud Applications & Platform Services

ORACLE®

Oracle is committed to developing practices and products that help protect the environment