

# Higher Education Analytics



## at a glance

- Modern University Decision Support Systems
- Student Financials
- Curriculum Analytics
- Enrollment Analytics
- Grant Analytics
- Advisory Services
- Managed Services

## technology

- PeopleSoft
- Banner Student Information
- Oracle E-Business Suite
- Oracle Business Intelligence
- Custom Data Sources

## about kpi

KPI Partners is the largest and most experienced strategic consulting and systems implementation partner focused on cloud-based and on-premise business intelligence.

## Leading educational institutions are achieving educational and operational excellence with modern analytics

### Overview

Leading public and private universities are transforming their enterprise data warehousing and business intelligence capabilities to achieve educational and operational excellence. These modern solutions are allowing faculty, staff, and students to make insightful and impactful data-driven decisions.

KPI's higher education decision support systems are built to leverage the data generated by all the major ERP and student information systems such as PeopleSoft, Banner, and Oracle E-Business Suite.

### Six Pillars of Higher Education Analytics

1. Grant Analytics
2. Oracle BI Apps for the Entire University
3. Student Financial Analytics
4. Enrollment and Curriculum Analytics
5. Advisory & Managed Services
6. Banner Student Information System Integration

### Grant Analytics

Research universities are changing financial models from relying purely on permanent funds such as endowments, state funds, and student tuition to also include temporary funding sources such as grants and awards.

Grant managers can effectively manage forecasted expenses, sponsored funds, and easily produce regulatory reports. Grant Analytics successfully integrates with accounts payable, accounts receivable, general ledger, procurement, and human capital management systems.

### Oracle BI Apps for the Entire University

As an Oracle Specialized Partner of the Year in both Education and BI Applications, KPI Partners has the unique expertise required for the implementation and extension of Oracle BI Applications in a higher education environment. KPI's experience includes the extension of Procurement & Spend Analytics to include contracts and grants data. This allows universities to have a full picture of grant-related spending and encumbrances.

## As the Oracle Specialized Partner of the Year in Education and Business Intelligence, KPI is helping educational institutions achieve organizational excellence

### **Student Financials at UC-Berkeley**

KPI partnered with the University of California-Berkeley to build a custom Student Financial Analytics system for the university's legacy campus accounts receivable system. By extracting data from their legacy system and facilitating integration with the Campus Enterprise Data Warehouse, UC-Berkeley has brought together student financial data, including students fees and financial aid, with other elements of student income.

This modern approach to enables students and administrators to understand trends, opportunities, and impacts of external events to make the best decisions regarding financial planning and access to affordable education.

### **Enrollment and Curriculum Analytics**

Providing visibility into weekly enrollment trends and alerting staff of enrollment issues is a key driver of optimizing the student experience. By analyzing student, faculty, and institutional information side-by-side with a university's custom data sources, administrators can transform the way their educational institutions analyze, support, communicate, and plan their curriculum.

Key areas of insight within Enrollment and Curriculum Analytics includes course utilization, resource utilization, overbooking/wait list alerts, and grade distribution.

### **Advisory & Managed Services**

Higher education institutions turn to KPI Partners for both business intelligence strategic advisory services and ongoing operational support. The most prestigious universities are utilizing KPI's Vision Workshops, custom data models, infrastructure architecture design and BI strategic road maps to help achieve organizational excellence.

KPI's Managed Services offers continuous day-to-day management of responsibilities and functions for complex decision support platforms as a method for improving university operations and cutting expenses. KPI provides managed services and infrastructure support to a premier university's multiple cluster environment which has more than 15 OBIEE instances, 3 DAC Servers and 6 Informatica Servers.

### **Banner Student Information System Integration**

KPI's intimate knowledge of the banner data model allows for the quick and efficient construction of a campus enterprise data warehouse. As a perennial award winner of the Oracle Specialized Partner of the Year in Education and Business Intelligence, KPI is a pioneer in the integration of Banner Student Information Systems with Oracle Business Intelligence Enterprise Edition (OBIEE).