



# Audit Interactive

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A Higher Education Collaborative Experience

March 9-12, 2025 | Sheraton Hotel Downtown | Oklahoma City, OK





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# Roundtable – Data Analytics





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# Agenda

- **Utilize Data Analytics To Identify High-Risk Areas During Annual Risk Assessment**
- **Utilize Data Analytics To Enhance Audit Procedures**
- **Emerging Trends In Data Analytics**





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## Utilize Data Analytics To Identify High-Risk Areas During Annual Risk Assessment

Revenue

Expenditures

Research/Sponsored  
Funding

Financial Aid and  
Scholarship

Enrollment

Student Performance

Health and Safety

Fundraising

Compliance

IT Security





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## Utilize Data Analytics To Enhance Audit Procedures

### Procurement and Expenditures

- Fraud Detection
- Determine Compliance
- Analyze Payables
- Conflict of Interest Analysis

### Revenue

- Fraud Detection
- Determine Compliance
- Analyze Receivables
- Conflict of Interest Analysis

### Sponsored Programs

- Determine Compliance
- Assess Effort Reporting

### IT and Cybersecurity

- Evaluate Access Controls
- Incident Detection

### Payroll and Human Resources

- Fraud Detection
- Payroll Accuracy
- Conflict of Interest Analysis
- Determine Compliance

### Enrollment and Admissions

- Trend Analysis
- Fraud Detection
- Determine Compliance





# Emerging Trends In Data Analytics

Data Visualization and Story Telling

Artificial Intelligence and Machine Learning

Natural Language Processing

Graph Analytics

Augmented Analytics

Data Privacy and Ethics



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