



# Data Without Borders

Revolutionizing Decision-Making at Western Texas College



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# Presenters



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# Today's Goals

1

Gain an understanding of what data democratization entails and why it is crucial for modern educational institutions.

2

Learn practical strategies for enhancing data accessibility in your institutions.

3

Learn to anticipate and adapt to the evolving educational technology landscape.

# Transition to a Democratized Data Model



# Background and Challenges



Centralized, restrictive  
data access

Reliant on a data  
gatekeeper model

Limited access to data  
Slowed decision-making  
/responsiveness

Compliance and  
operational efficiency

Missed opportunities for  
real-time interventions

Delays in compliance  
reporting leading to  
potential penalties

# Decentralization of Data Access

## Empowering Departments



Transitioning from centralized to self-service data models.

Granting faculty and department heads real-time access to key metrics.

Enabling faster, data-driven decisions for curriculum, student interventions, and resource allocation.

# Building Infrastructure Enhancing Real-Time Data Access

Deploying modern tools and platforms to streamline data retrieval.

Empowering staff with instant access to critical information for informed decision-making.

Facilitating efficient workflows through cloud-based, real-time data analytics.





# User-Friendly Dashboards Simplifying Data Access

Streamlining tools for both IR and faculty to enhance data interaction.

Dashboards designed for ease of use, providing key insights on student performance.

Supporting academic success through data-driven early interventions.

# Data Literacy Initiatives

## Empowering Faculty and Staff



Focused on building skills to interpret and apply data effectively in daily tasks.



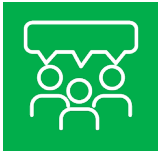
Training workshops to cover dashboards, KPIs, and data-driven decision-making.



Supporting campus-wide efforts to use data for improving instruction and administration.

# Cross-Department Collaboration

## Fostering a Culture of Data Sharing



Building strong communication channels between Institutional Research (IR), faculty, and administration.

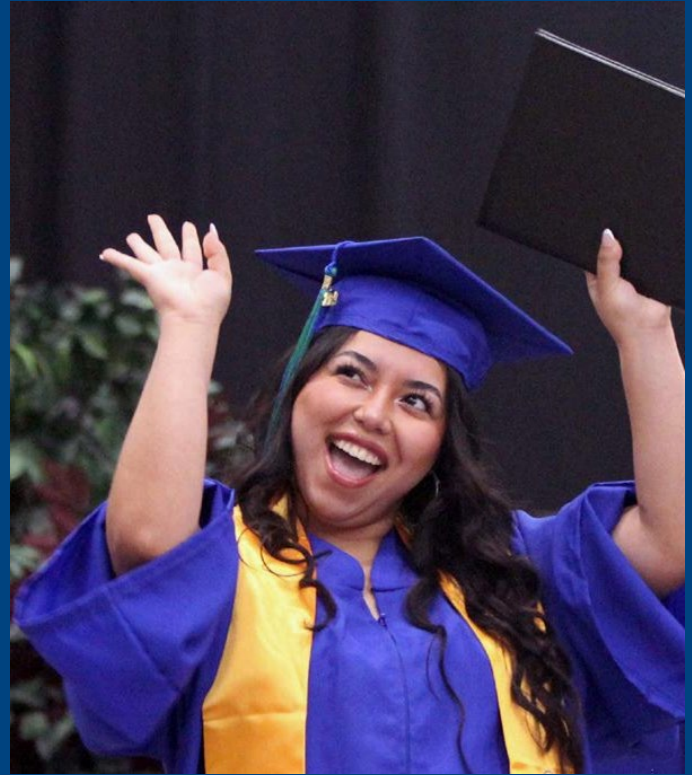


Aligning data usage across departments to support student success and institutional goals.



Regular data-sharing meetings focused on enrollment, retention, and performance metrics.

# Benefits and Outcomes



# Time and Cost Savings



## Faster Decision-Making

Instant access to data reduces bottlenecks and delays.



## Enhanced Efficiency

Staff can focus on high-impact tasks, improving overall efficiency.



## Labor Cost Savings

Automation and data access minimize the need for more staff.



## Compliance Assurance

Timely and accurate reporting avoids costly fines and penalties.

# Improved Operational Efficiency

## Eliminating Bottlenecks

Retrieve and act on data independently and in real-time.

## Real-Time Monitoring

Track daily KPIs and respond quickly to emerging trends.

## Strategic Focus

Eliminate routine data tasks and focus on supporting goals.

## Proactive Interventions

Identify and address issues before they become problems.



# Improved Decision Making



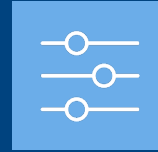
## Informed Decisions

Real-time data empowers quicker, informed decisions.



## Proactive Interventions

Act earlier to support students at risk.



## Data-Driven Adjustments

Adjust strategies quickly with reliable data.



## Enhanced Responsiveness

Foster a culture of continuous improvement.



# Enhanced Compliance

## Timely Reporting

Ensure reports are accurate and submitted on time.

## Automated Processes

Streamline compliance preparation and reduce errors.

## Cost Savings

Maintained accuracy and cut costs without extra hires.

## Reduced Risk

Avoid fines associated with late or inaccurate submissions.

# Future Vision



# Future Vision



## AI and Emerging Technologies

Integration of AI

Enhanced Decision-Making

Grant AI Platform

Collaboration Platforms



## Future Potential

Mitigating Staffing Needs

Scalability

Data-Driven Campus

# Q&A



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