

Introductions



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Introductions



Source: Hands raised up, sibgat, Shutterstock.



Overview

- 1. Definitions
- 2. Landscape Analysis
- 3. Ethical Framework
- 4. Discussion and Q/A
- 5. Wrap up



Predictive, what?

Analytics is the analysis of a college or university's data to answer questions about the college and its students.

Predictive analytics is the analysis of a college or university's historical data to make predictions about what may happen in the future.







Predictive Analytics in Action

 Recruit, admit, and offer aid to new students (enrollment)

Identify students at-risk of failing (early alerts)

 Offer students guidance on course and degree plans (recommender systems)

 Help students reach course learning goals (adaptive technologies)



Closed futures

Why Ethics Matter



Transparency





Sources: Road closed sign, ChameleonsEye, Four silhouettes, Adrian Niederhaeuser, Shutterstock.

Privacy

Profile students



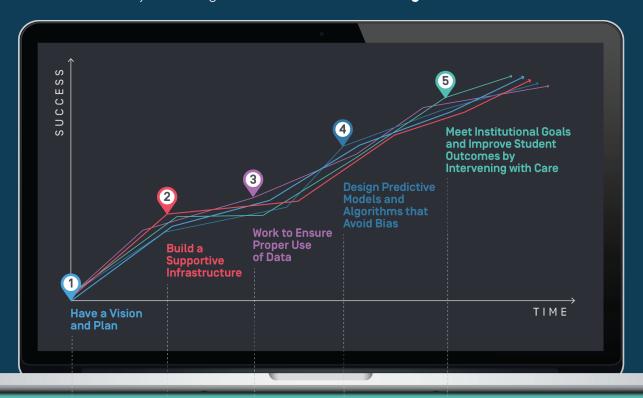
Sources: Light Switch, Billion Photos, Small security lock, Elena11, Shutterstock.







Predictive Analytics In Higher Education: Five Guiding Practices For Ethical Use



- Convene key important decisions.
- Consider the purposes, measure when developing the plan.
- · Communicate the benefits of using predictive analytics
- Develop robust Assess institutional
- Ensure data are
- Test and be transparent Ensure data are

• Design predictive

so that they produce

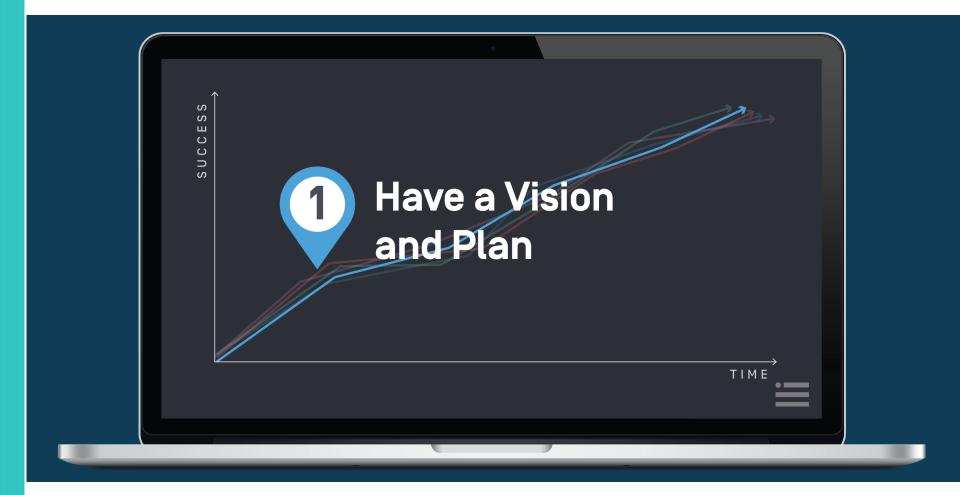
desirable outcomes.

- accurately interpreted. Choose vendors wisely. Guarantee data privacy.
- · Monitor data security.

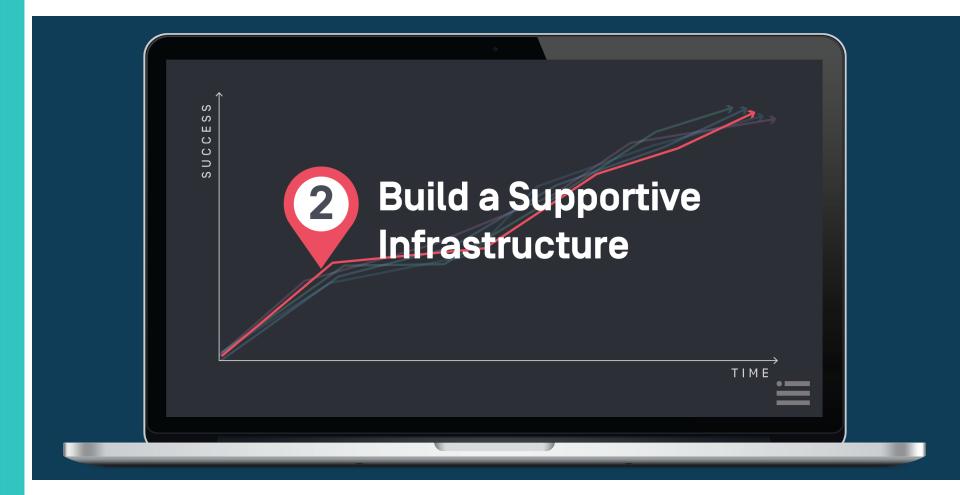
- Embed predictive-driven interventions into other
- · Communicate to staff and students about the change
- Recognize that predictive-driven interventions can do
- Carefully communicate when deploying interventions.
- Train staff on implicit bias and the limits of data.
- · Train students to use their own data.
- Evaluate and test interventions.

















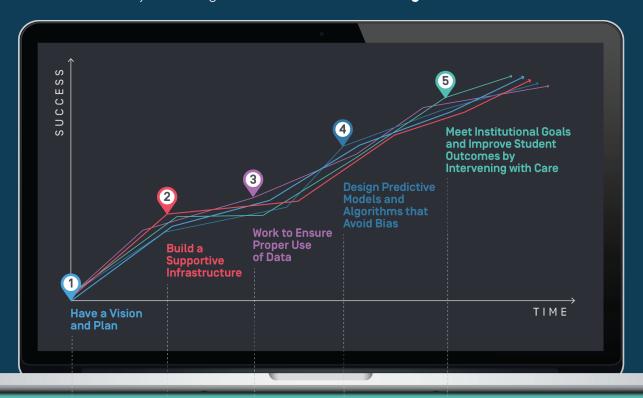








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Thank you!

Stay in touch!

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