Analytics Maturity Index

Introduction

The Analytics Maturity Index was formulated as a general assessment of progress in analytics. You may find that the scores along the six dimensions (Data/Reporting/Tools, Governance/Infrastructure, Investment, Expertise, Culture, and Process) will differ depending on the department or area of analytics (e.g., learning analytics, academic analytics, business analytics) you are assessing.

We encourage you to take the assessment more than once if you need to assess progress in more than one area. We also encourage more than one person from your institution to take the assessment. We hope you will use the results as a tool to open a dialogue at your institution to consider the next steps that are needed to progress to the next level of analytics.

Demographics

1. What is your full name?*

_____

2. What is your job title/position?*

_____

3. What is your institution's IPEDS ID? (If none, use 0.)*

_____

Data/Reporting/Tools

1. Our data are of the right quality/are clean.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

2. We have the right kinds of data.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

3. Our data are standardized to support comparisons across areas within the institution.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

4. Our data are standardized to support comparisons across institutions.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

5. Our data are accessible to those who need it.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

6. Our data are collected for a purpose.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

7. Our data, reports, and processes are repeatable; we don't have to reinvent the wheel to address questions and problems that come up regularly.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

8. Reports are in the right format and show the right data to inform decisions.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

9. We have a process for eliminating, phasing out, or updating reports that are no longer used or of value.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

10. We have the right tools/software for analytics.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

Governance/Infrastructure

1. Our information security policies and practices are sufficiently robust to safeguard uses of data for analytics.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

2. We have policies that specify rights and privileges regarding access to institutional and individual data.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

3. Our Institutional Review Board (IRB) has policies and practices for handling proposals involving analytics data collection procedures.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

4. We have sufficient capacity to store, manage, and analyze increasingly large volumes of data.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

5. Our data are "siloed"; we have pockets of individuals who protect their data.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

6. We have IT professionals who know how to support analytics.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

Investment

1. Our funding level for analytics is sufficient to meet our current needs.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

2. Funding for analytics is viewed as an investment, rather than an expense.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

3. We have an appropriate number of data analysts.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

4. We invest in analytics training.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

5. Our analysts are too overwhelmed with routine reporting demands to use analytics to address strategic initiatives.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

Expertise

1. We have a sufficient number of professionals who know how to support analytics.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

2. We have dedicated professionals who have specialized analytics training.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

3. We have business professionals who know how to apply analytics to their areas.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

4. Our analysts know how to present processes and findings to stakeholders and to the broader institutional community in a way that is visually intuitive and understandable. *

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

Culture

1. Our senior leaders are publicly committed to the use of analytics and data-driven decision-making.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

2. Our administration largely accepts the use of analytics.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

3. We have a culture that accepts the use of data to make decisions.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

4. Our faculty largely accept the use of analytics for institutional decision-making.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

Process

1. There is effective communication between our IT and IR departments.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

2. Our senior-most institutional research leader is involved in the planning process for addressing high-level strategic initiatives or questions.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

3. We have identified the key institutional outcomes we are trying to improve with better use of data.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

4. Use of data is part of our strategic plan.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

5. We have a process from moving from what the data say to making changes/decisions.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree

6. We have demonstrated with at least one high-profile "win" that analytics can lead to improved decision-making, planning, or outcomes.*

( ) Strongly Agree

( ) Agree

( ) Neutral

( ) Disagree

( ) Strongly Disagree