Diagram One

Distinguishing decision making, analysis & data

Analyst

The World (Data)
Diagram Two:  
*The Fully Employed Analyst*

Diagram Three:  
*The Frustrated Analyst*
Diagram Four
The Really Frustrated Analyst

Analyst

Questions
Answers

Error Checking

The World (Data)

Clean World

Conversion

Frozen/Live Data

Data Cleaning

Clean Clone

Cloned World

Diagram Five
Data Warehouse

CUBES

Dimensional Model
One Table per Unit of Analysis (Grain)

Business Intelligence (BI)
Diagram Six
The Lazy Analyst

Diagram Seven
Optimizing Analysis
Data Management Committee
Meets twice a year to review progress made by various teams and solicit feedback on specific issues and prioritizations.

Diagram Eight
Institutional Research Pyramid

Analysis

Database Management  Reporting

VPs & Deans
IT Steering Committee
Deans' Representation

Data Warehouse Team
Assigns REX tickets, manages changes to warehouse & reporting envir.
Proposed Convener: Michael Dillon

REX User Group
Informal meeting to discuss users needs and specific reports. Could be used to discuss training options.
Proposed Convener: Kevin Joseph

Data Quality Team
Comprised of data managers from various functional offices to develop and monitor data integrity processes.
Proposed Convener: Michael Glissier

Data Access & Security Team
Manages access to and security levels in PS and REX, including confidentiality issues.
Proposed Convener: Arnold Foelster

Setup Tables Team
Manages changes to plans and subjects as well as the rollups to orgs, colleges, etc.
Proposed Convener: Nate Czarnota

Training Team
Manages training material for both SA and REX
Proposed Convener: Kevin Joseph
Diagram Nine
An Extremely Simple Dynamic Model of a University

Students per Faculty

Quality of Instruction

Quality/Quantity of Research

Enroll

Admit

Apply

Hire/Retain Faculty

Revenue
Diagram Nine
An Extremely Simple Dynamic Model of a University

- Enroll
- Revenue
- Admit
- Apply

Reputation

- Quality of Instruction
- Classes per Faculty
- Students per Faculty
- Quality/Quantity of Research
- Hire/Retain Faculty

Degrees

Gainful Employment

Endowment

Alumni Giving

Admit

Apply
Diagram Nine
An Extremely Simple Dynamic Model of a University

- Reputation
- Quality of Instruction
- Classes per Faculty
- Students per Faculty
- Quality/Quantity of Research
- Hire/Retain Faculty
- Gainful Employment
- Alumni Giving
- Endowments
- Revenue
- Enroll
- Admit
- Apply
- Degrees
- Enrolled per Admit
- Apps per Admit
- Grad Rate
- Quality of Student Cohort

- Applicants
- Admit
- Enroll
- Revenue
- Endowments
- Gainful Employment
- Alumni Giving
Diagram Nine
An Extremely Simple Dynamic Model of a University

- Quality of Student Cohort
  - Grad Rate
  - Enroll
  - Revenue
  - Endowmen

- Graduates per Faculty
- Quality of Instruction
- Classes per Faculty
- Students per Faculty

- Admit
- Apply
- Revenue
- Enrolled per Admit

- Merit-based Aid
- Gainful Employment
- Alumni Giving

- Hire/Retain Faculty
- Quantity/Quality of Research

- Enroll
- Quality of Student Cohort
- Revenue

- Apps per Admit
- Grad Rate
- Graduates per Faculty
- Students per Faculty