

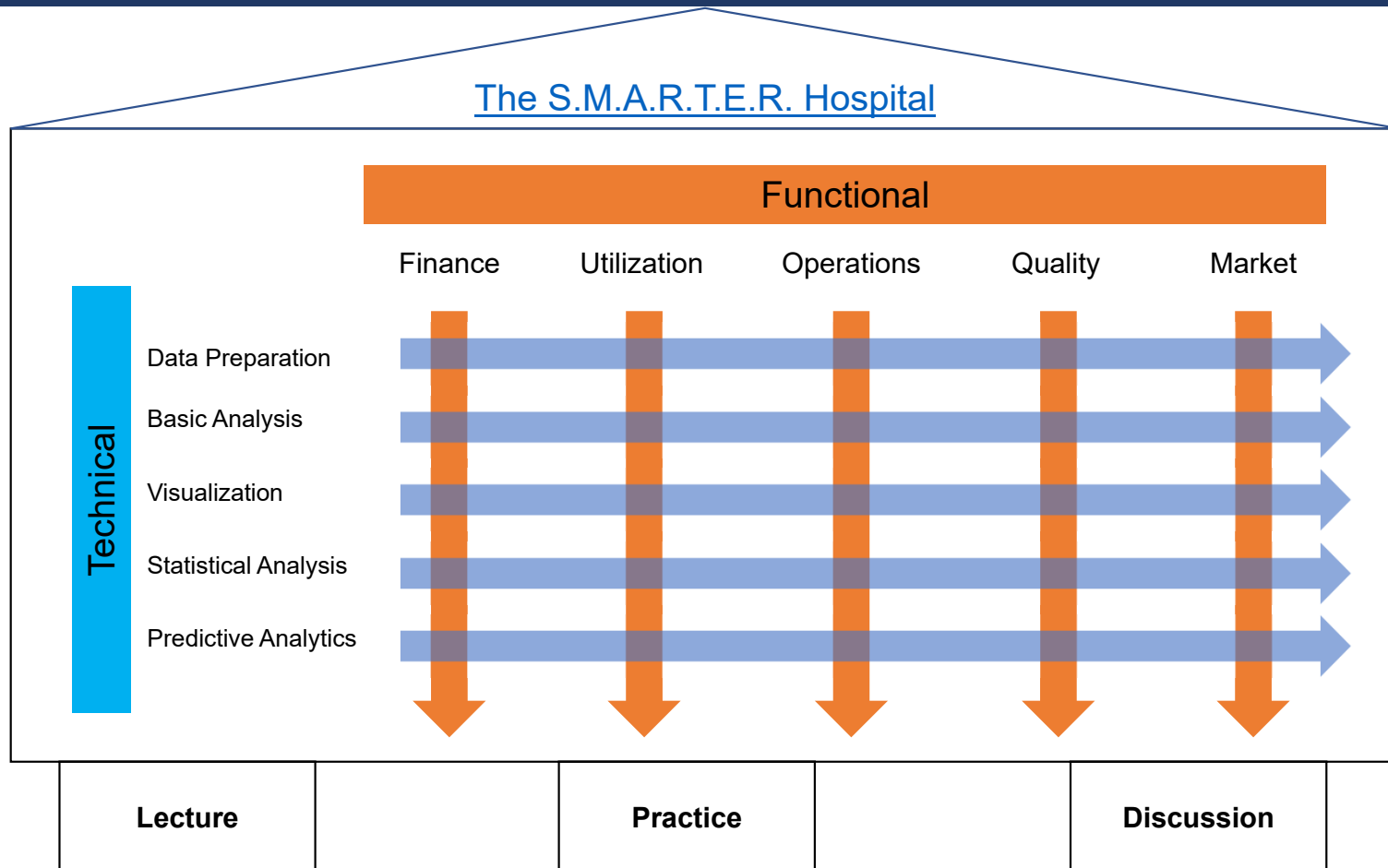


Introduction to Healthcare Value and Data Analytics

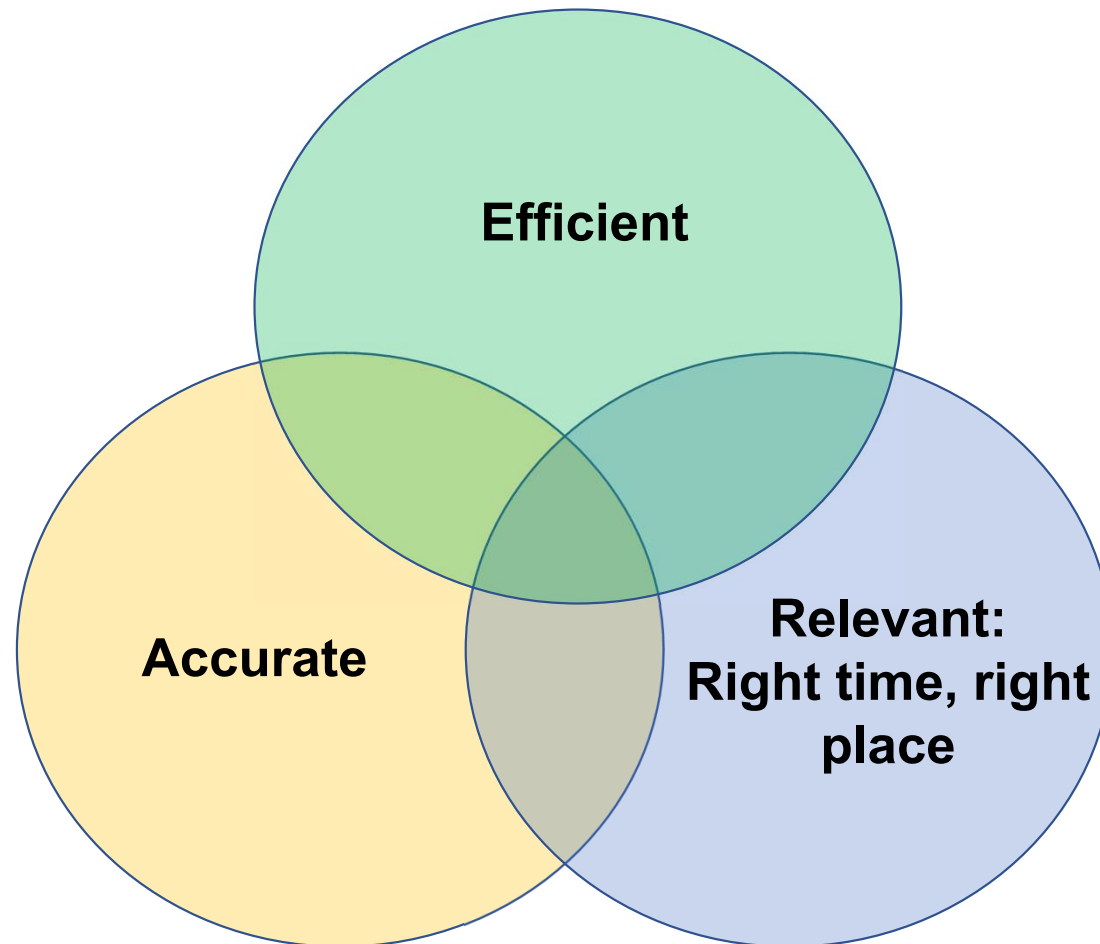
Welcome

- Overview of Course
- Syllabus Review

Framework



Method



Goal

- Generate value from existing and new data assets
- Increase revenue, reduce cost, or focus on building a niche business (Michael Porter)
- For healthcare:
 - Improve patient care
 - Increase efficiency and reduce costsi.e. Do More With Less

Master Database

- Your best friend for this course
- Contains all the data that will be used
- Inpatient data for the S.M.A.R.T.E.R. Hospital
- Not based on real patients
- Review the field names for the two tables

Agenda for Each Session

- Lecture
 - Intro/Significance
 - Scope
 - Examples of metrics (and tools)
 - Analytic Methods
 - Example of analyses
 - Basic
 - Visualization
 - Advanced
 - Modeling
- Solve Problems



END