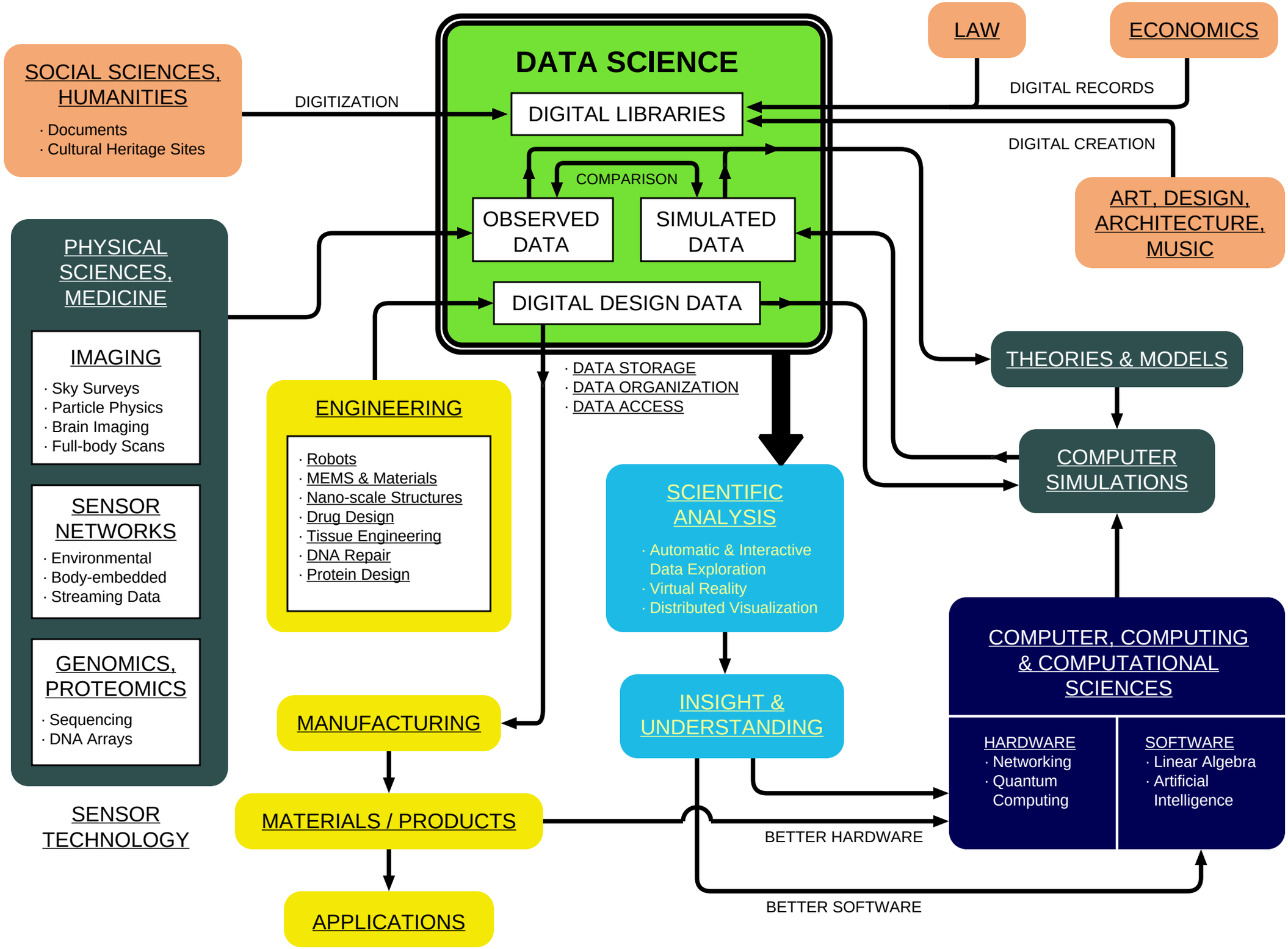
DATA SCIENCE
DIGITAL LIBRARIES
COMPARISON
OBSERVED DATA
SIMULATED DATA
DIGITAL DESIGN DATA
SOCIAL SCIENCES, HUMANITIES
· Documents
· Cultural Heritage Sites
DIGITIZATION
LAW
ECONOMICS
DIGITAL RECORDS
DIGITAL CREATION
ART, DESIGN, ARCHITECTURE, MUSIC
PHYSICAL SCIENCES, MEDICINE
IMAGING
· Sky Surveys
· Particle Physics
· Brain Imaging
· Full-body Scans
SENSOR NETWORKS
· Environmental
· Body-embedded
· Streaming Data
GENOMICS, PROTEOMICS
· Sequencing
· DNA Arrays
SENSOR TECHNOLOGY
ENGINEERING
· Robots
· MEMS & Materials
· Nano-scale Structures
· Drug Design
· Tissue Engineering
· DNA Repair
· Protein Design
· DATA STORAGE
· DATA ORGANIZATION
· DATA ACCESS
THEORIES & MODELS
COMPUTER SIMULATIONS
SCIENTIFIC ANALYSIS
· Automatic & Interactive Data Exploration
· Virtual Reality
· Distributed Visualization
INSIGHT & UNDERSTANDING
COMPUTER, COMPUTING & COMPUTATIONAL SCIENCES
HARDWARE
· Networking
· Quantum Computing
SOFTWARE
· Linear Algebra
· Artificial Intelligence
MANUFACTURING
MATERIALS / PRODUCTS
APPLICATIONS
BETTER HARDWARE
BETTER SOFTWARE