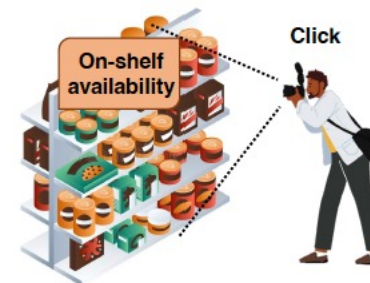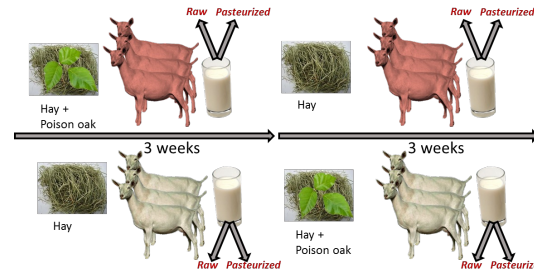# ELEC 5970/6970:
Applied Statistical and Machine Learning
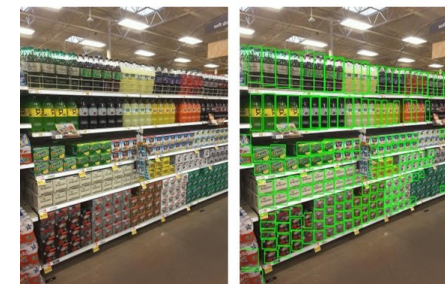
- Instructors:
  - Dr. Yin Sun (Auburn)
  - Dr. Rui Chen (Tuskegee)
- Features:
  - Applied statistics
    - Data Collection, Cleansing, and Visualization
    - Experimental Design
    - Statistical Hypothesis Testing
  - Machine learning
    - Regression, classification, and computer vision
  - Python Programming skills
  - Field visits
  - Real-world applications

(a) Image capture using mobile devices

(b) Shelf image w/ and w/o bound boxing on food items