Our Data Science Framework

PROBLEM IDENTIFICATION: THEORIES AND WORKING HYPOTHESES

DATA DISCOVERY [INVENTORY | SCREENING | ACQUISITION]

DATA INGESTION AND GOVERNANCE

DATA WRANGLING
PROFILING • PREPARATION • LINKAGE • EXPLORATION

FITNESS-FOR-USE

STATISTICAL MODELING AND ANALYSES

COMMUNICATION AND DISSEMINATION
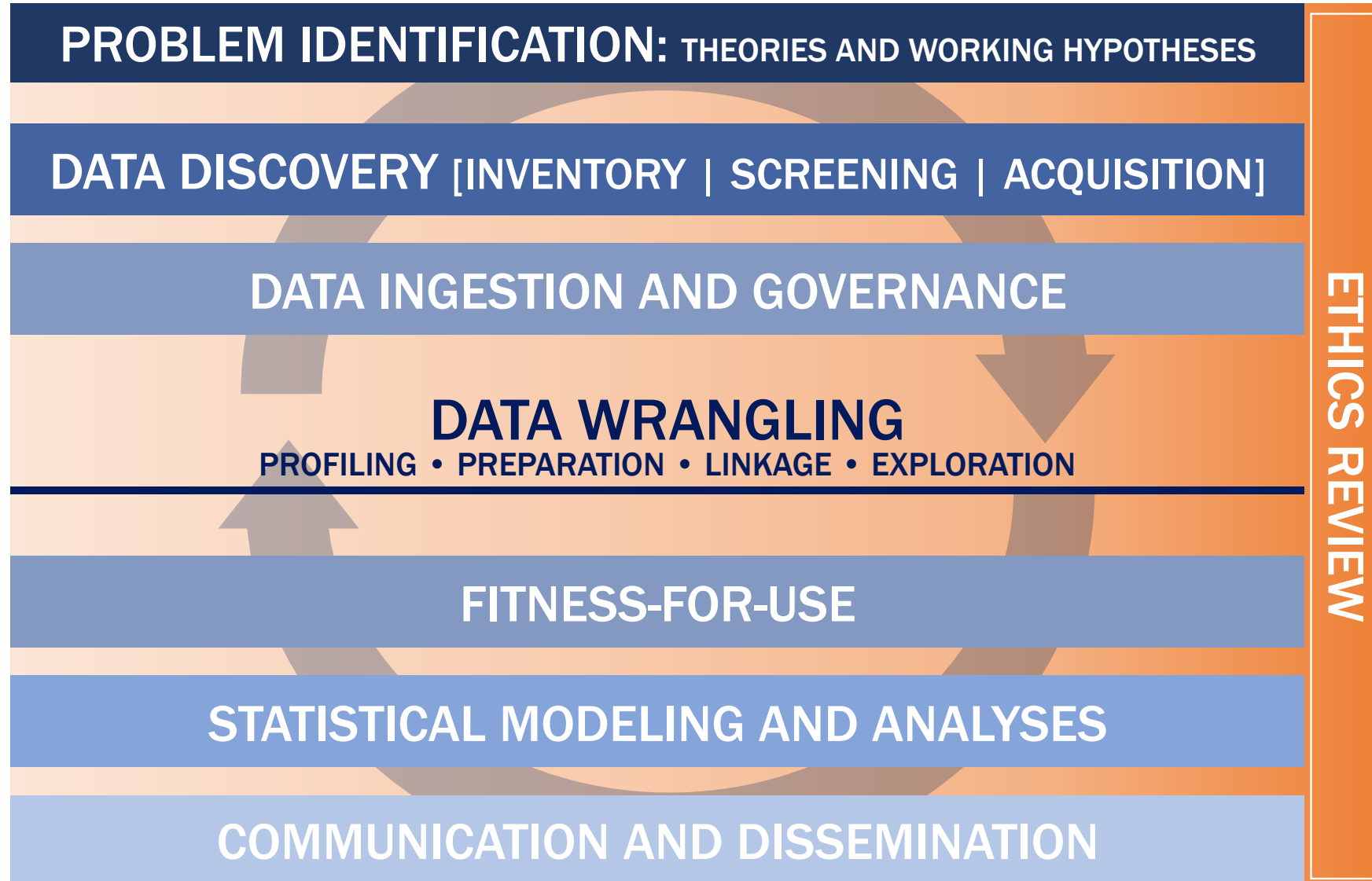
ETHICS REVIEW

Data science must emphasize problem identification, data discovery, fitness-for-use, and ethics.

Source: Stephanie Shipp, Univ of Va,, Location Powers: Data Science, 2019