



Building on FAIR principles & reproducible workflows to design *Responsible Data Science Workflows* embedding social & ethical considerations

WHAT A RESPONSIBLE
DATA SCIENCE WORKFLOW
WOULD LOOK LIKE?



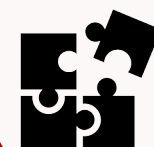
REPRODUCIBLE
REUSABLE



ENCODE COMMON
PATTERNS (OF ASSESSING
MODELS FOR SOCIAL &
ETHICAL RISKS) INTO
WORKFLOW MODULES

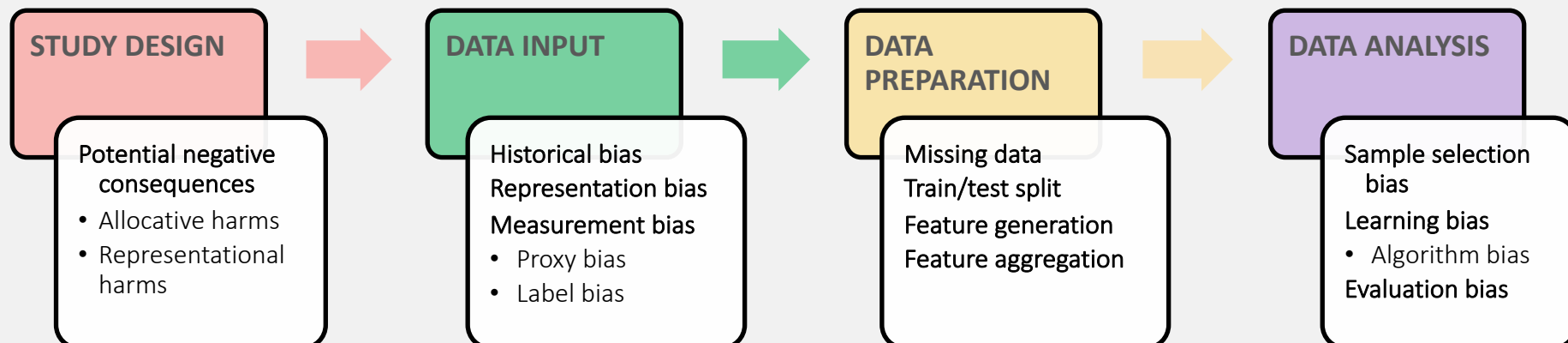


RESEARCHER-CENTRIC ≠
PIPELINE



MODULAR

SOURCES OF POTENTIAL BIASES IN DATA SCIENCE WORKFLOWS



BIAS MITIGATION & REPRODUCIBILITY

