General scheme for model-based estimation
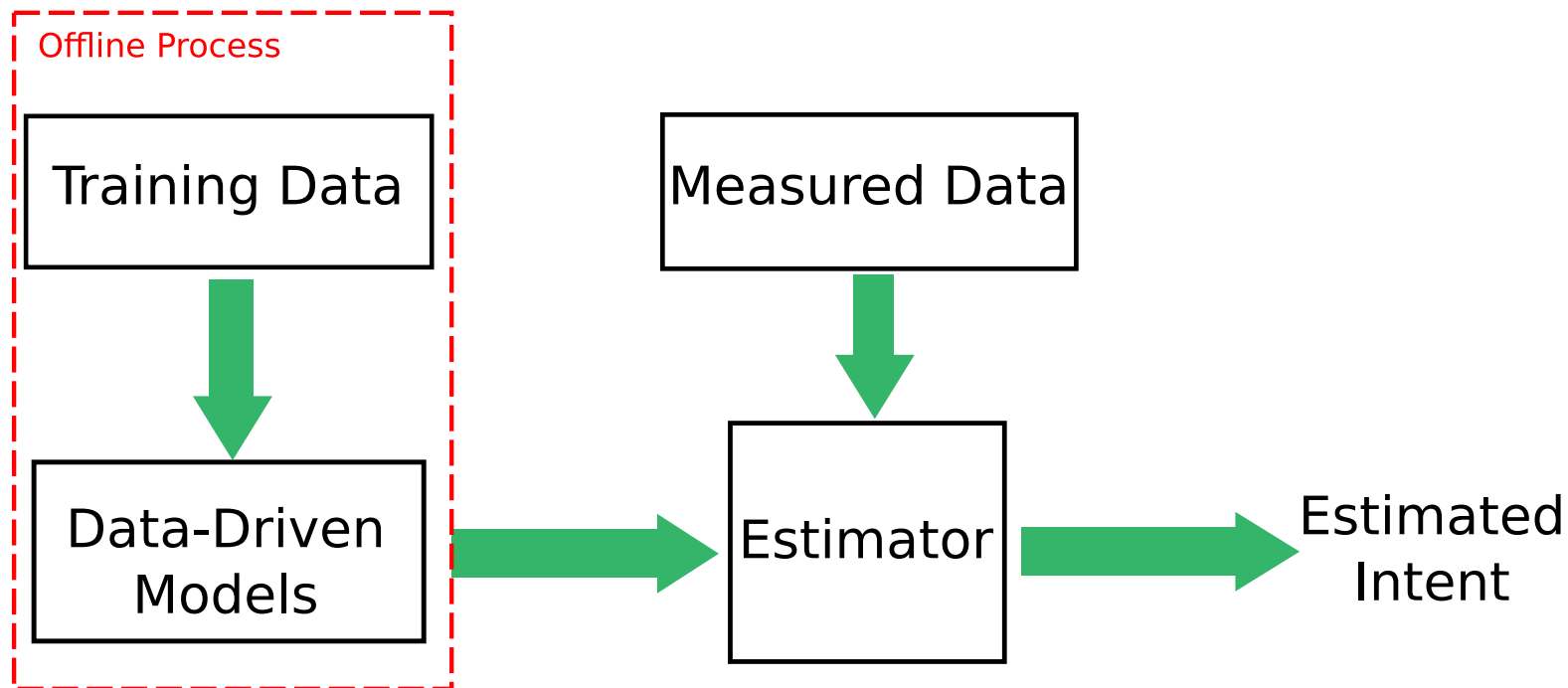
General scheme for learning-based estimation