

# Base

**mod** base

Base classes for the capsule package.

**class** BaseCapsule

Bases: `ABC`, `BaseEstimator`

Base abstract class for all capsule implementations.

This class provides the common interface and functionality for both regression and classification capsules. It handles model wrapping, serialization with optional encryption, and defines the basic contract that all capsules must follow.



## Note



Capsules are immutable wrappers around trained models and cannot be fitted after creation.

” Source code in `src/capsule/base.py`



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