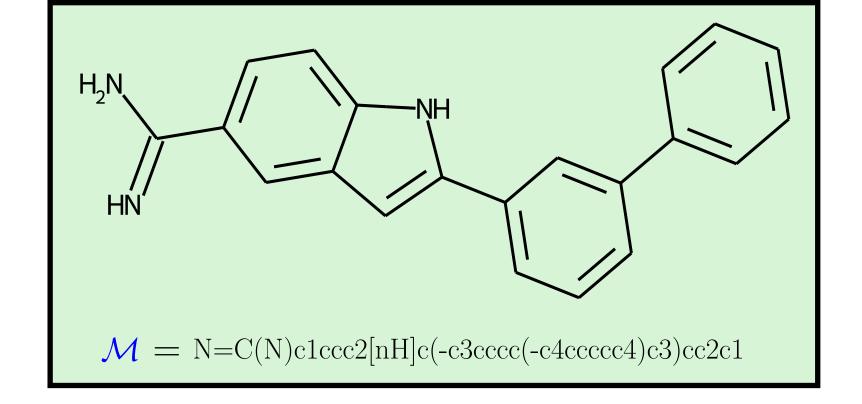
Molecular Representation:
Initial Representation \mathcal{M} (e.g. SMILES String, ...)

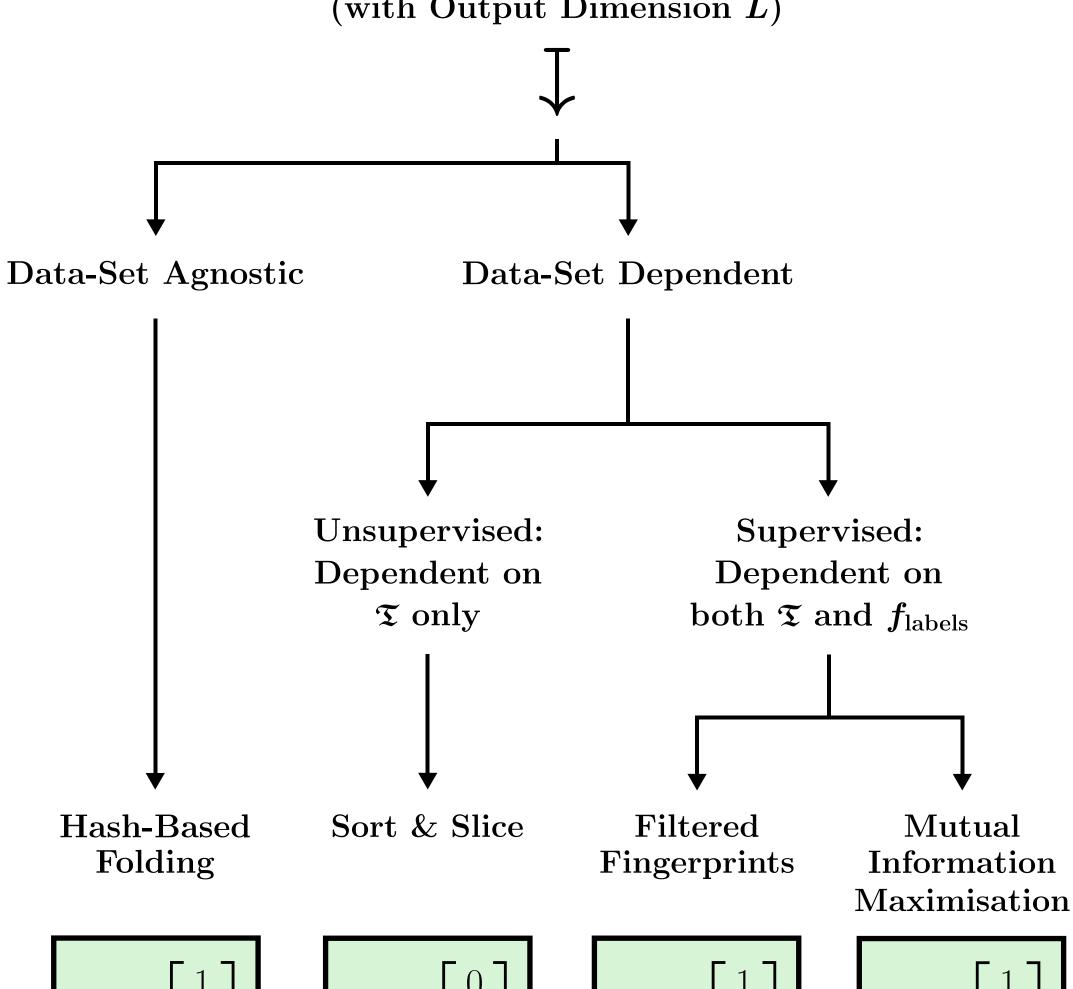


ECFP-Substructure Enumeration (with Maximum Diameter D and Atomic Invariants A)



Molecular Representation: Set of Integer Substructure Identifiers \mathcal{I}

Substructure Pooling (with Output Dimension L)



0

Four Investigated Substructure-Pooling Methods to Vectorise \mathcal{I}