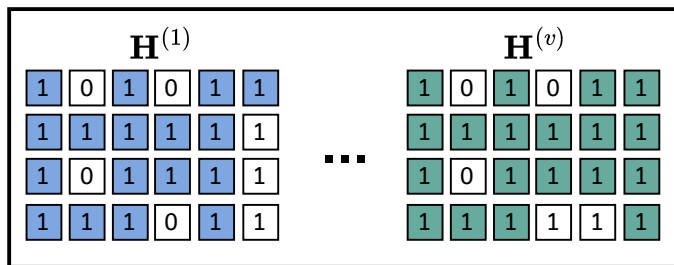
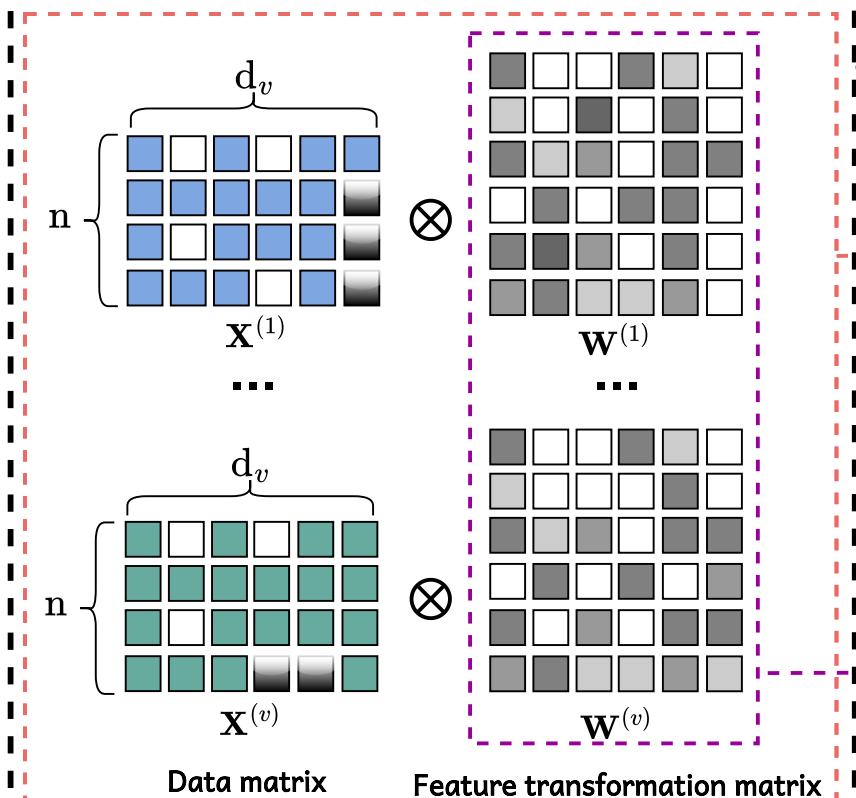


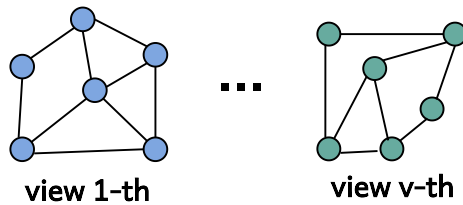
Adaptive Dual-graph Learning



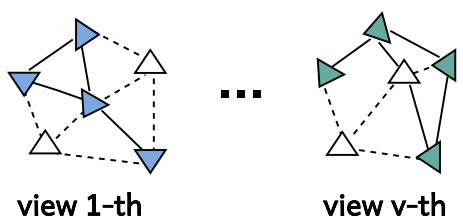
Self-representation module



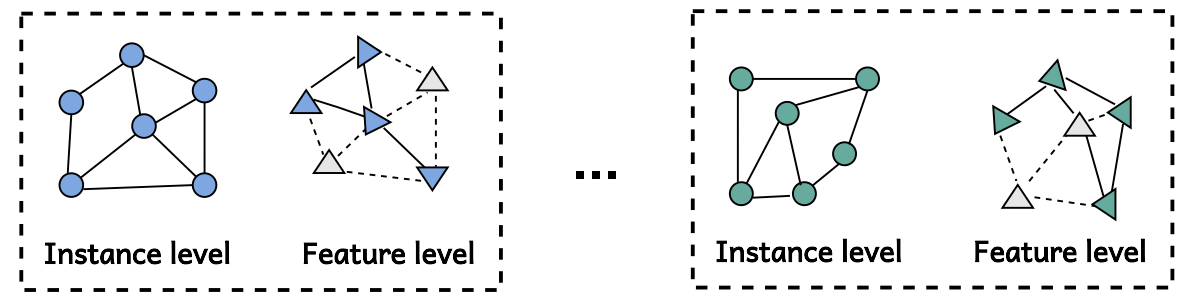
Instance-level Graph Learning



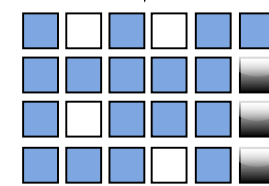
Feature-level Graph Learning



Bi-level Cooperative Imputation

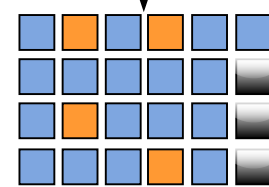
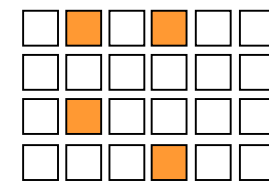


view 1-th



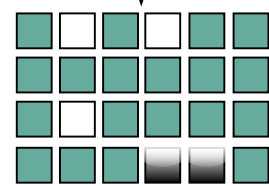
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Reliable Imputation Guidance

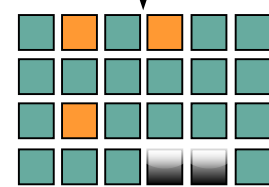
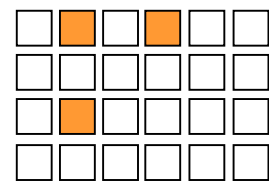


$\mathbf{X}^{(1)}$

view v-th



\otimes



$\mathbf{X}^{(v)}$

Use the imputed data to obtain final clustering results