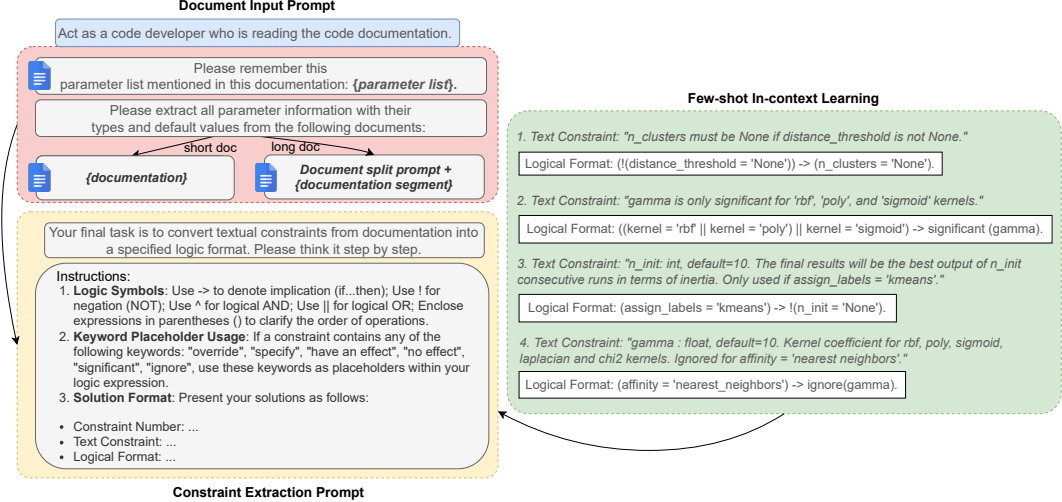
Document Input Prompt
Act as a code developer who is reading the code documentation.
Please remember this parameter list mentioned in this documentation: {parameter list}.
Please extract all parameter information with their types and default values from the following documents:
short doc
long doc
{documentation}
Document split prompt + {documentation segment}
Few-shot In-context Learning
1. Text Constraint: "n_clusters must be None if distance_threshold is not None."
Logical Format: (!(distance_threshold = 'None')) -> (n_clusters = 'None').
2. Text Constraint: "gamma is only significant for 'rbf', 'poly', and 'sigmoid' kernels."
Logical Format: ((kernel = 'rbf' || kernel = 'poly') || kernel = 'sigmoid') -> significant (gamma).
3. Text Constraint: "n_init: int, default=10. The final results will be the best output of n_init consecutive runs in terms of inertia. Only used if assign_labels = 'kmeans'."
Logical Format: (assign_labels = 'kmeans') -> !(n_init = 'None').
4. Text Constraint: "gamma : float, default=10. Kernel coefficient for rbf, poly, sigmoid, laplacian and chi2 kernels. Ignored for affinity = 'nearest neighbors'."
Logical Format: (affinity = 'nearest_neighbors') -> ignore(gamma).
Your final task is to convert textual constraints from documentation into a specified logic format. Please think it step by step.
Instructions:
1. Logic Symbols: Use -> to denote implication (if...then); Use ! for negation (NOT); Use ^ for logical AND; Use || for logical OR; Enclose expressions in parentheses () to clarify the order of operations.
2. Keyword Placeholder Usage: If a constraint contains any of the following keywords: "override", "specify", "have an effect", "no effect", "significant", "ignore", use these keywords as placeholders within your logic expression.
3. Solution Format: Present your solutions as follows:
• Constraint Number: ...
• Text Constraint: ...
• Logical Format: ...
Constraint Extraction Prompt