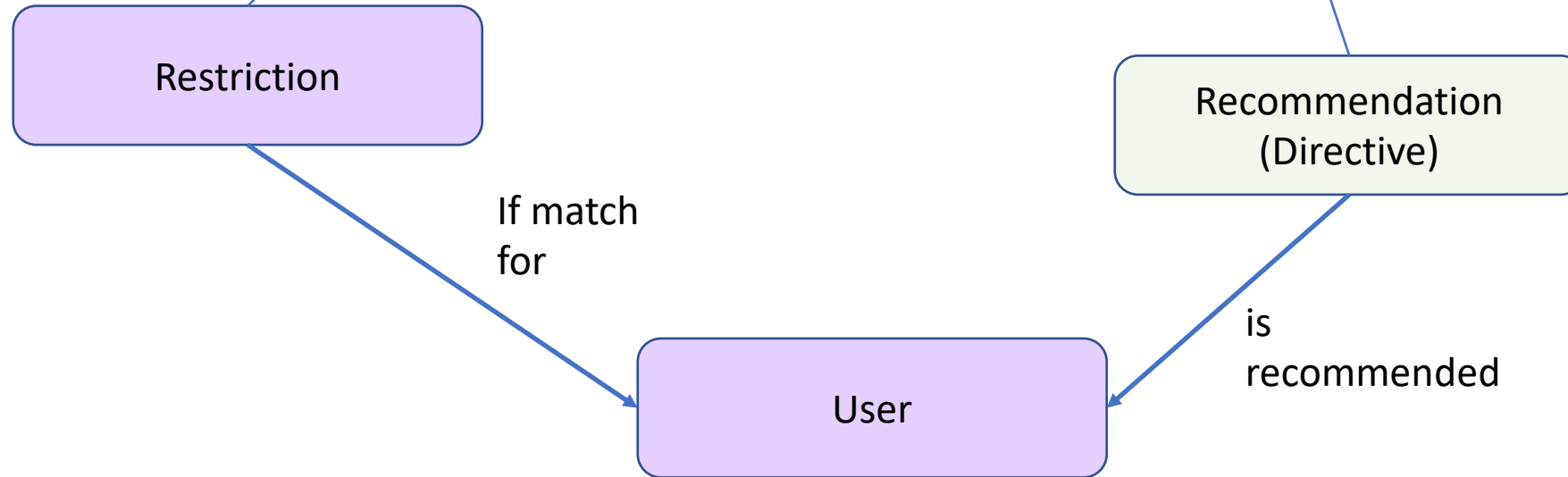


Guideline = Restriction Set + Recommendation

Guideline 5.12: “Carbohydrate intake should emphasize nutrient-dense carbohydrate sources that are high in fiber, including vegetables, fruits, legumes, whole grains, as well as dairy products.”



Process:

- *Classification* for computing all subclass relationships, allowing the inferred class hierarchy to be leveraged when querying policy Effect and Precedence.
- *Realization* of computing classes (policies) that individuals (requests) belong to. “Belonging” to a class means that an individual satisfies the constraints of that class; realization can be understood as determining *policy applicability*.
- *DL Query* for retrieving the individuals that were determined to belong to specific classes.