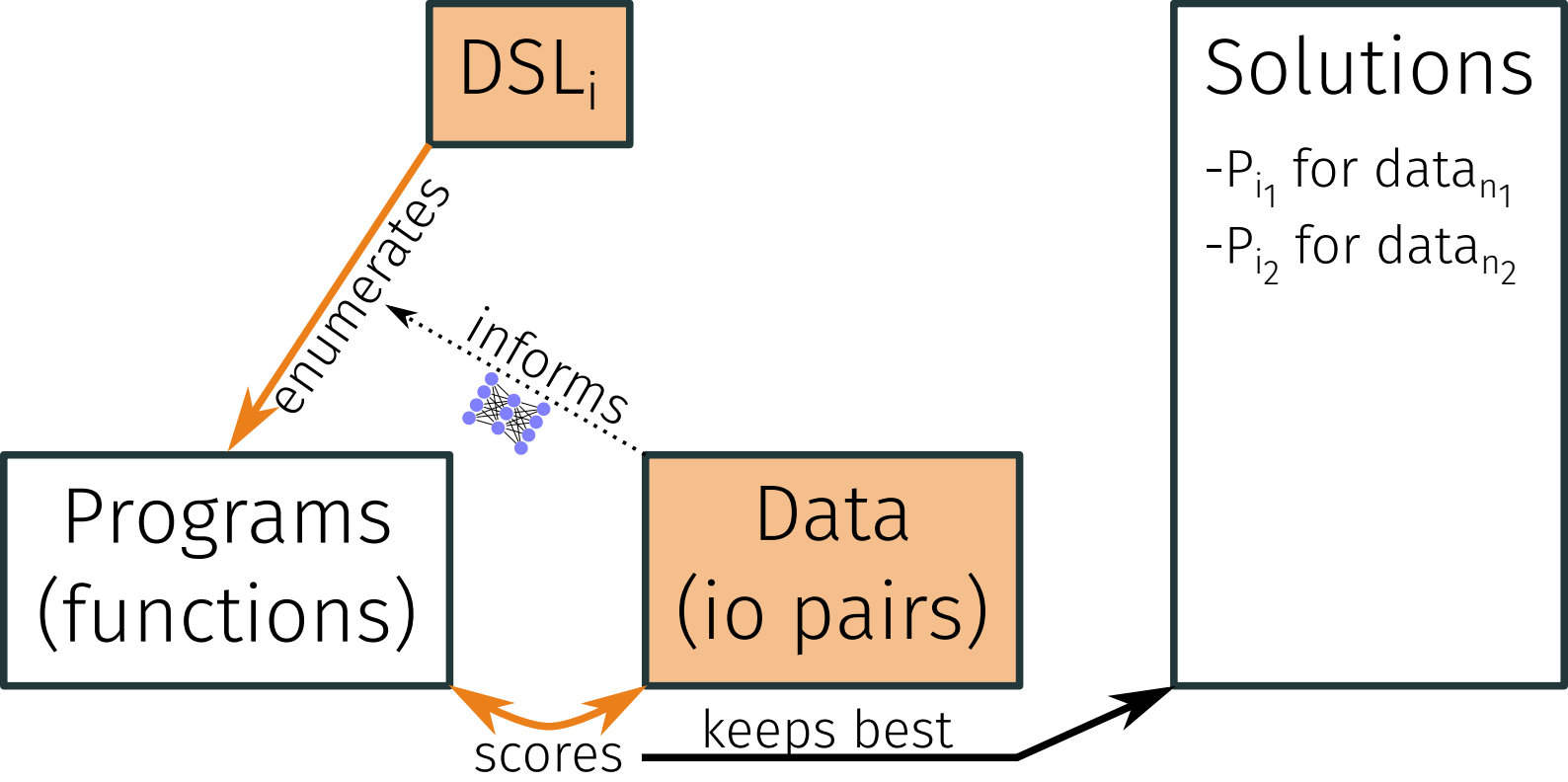

DSL

```
f0(l,r) = foldr r l cons
f1(l,p) = foldr r nil
            (λ (x a)
              (if (p x)
                (cons x a)
                a))
```

Programs

```
f(l) = (f0 l l)

f(l) = (f1 l (λx. > x 2))
```

Data

```
[7 2]→[7 2 7 2]
["a"]→["a" "a"]

  [7 2 3]→[7 3]
[1 2 3 4]→[3 4]
[4 3 2 1]→[4 3]
```