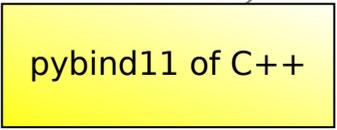


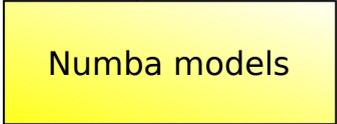
Layer 1:



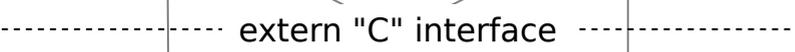
Layer 2:



Layer 3:



Layer 4:



operates on CPU pointers

operates on GPU pointers
launches kernels internally

inherits from Pandas's ExtensionDtype
registered as a type in Numba
lazy versions may be wrapped as Dask

Single Array class in Python

pybind11 of C++

C++ classes

Numba models

CPU functions

GPU functions

extern "C" interface

operates on CPU pointers

operates on GPU pointers
launches kernels internally

inherits from Pandas's ExtensionDtype
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lazy versions may be wrapped as Dask