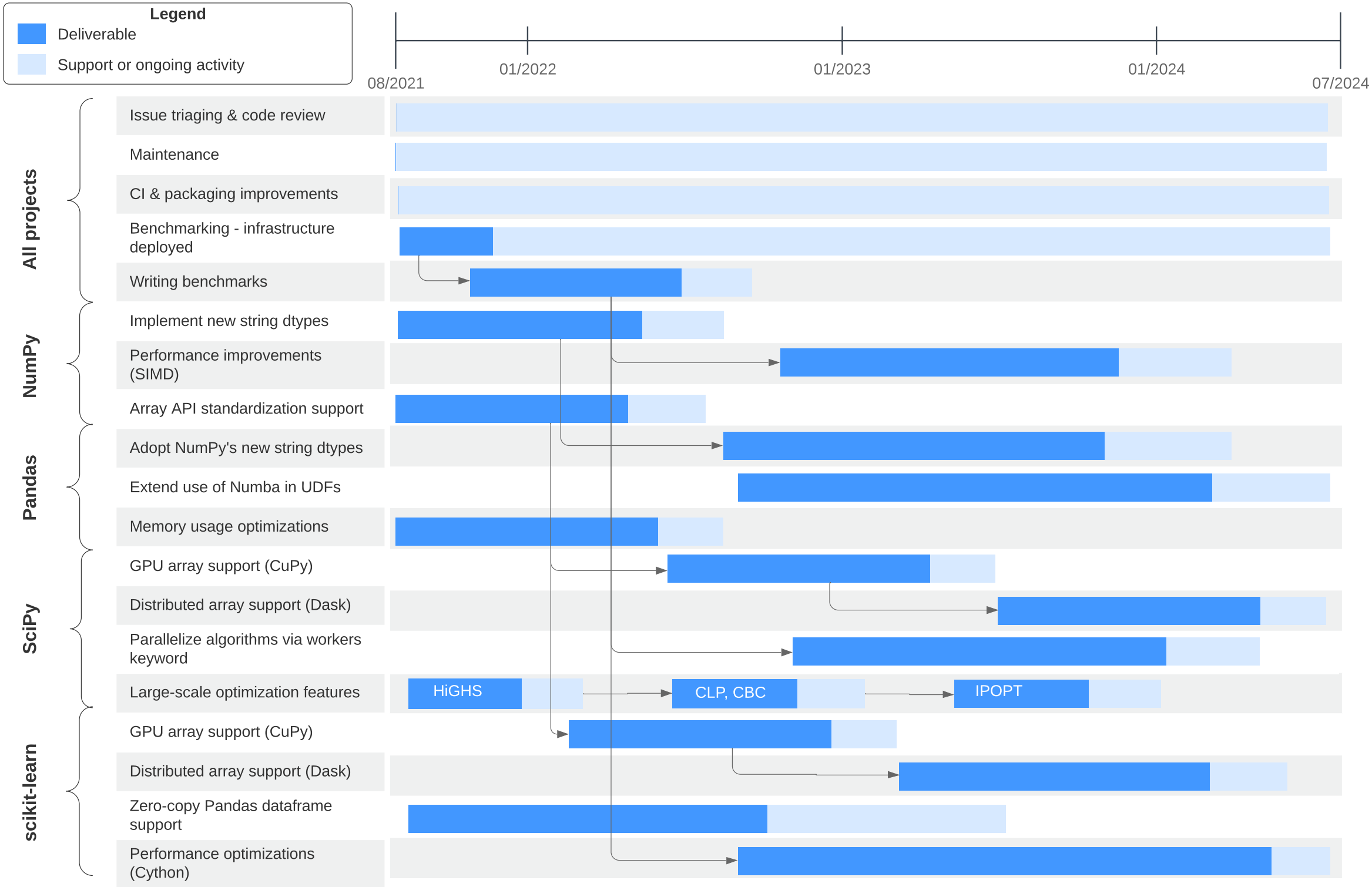
Legend
Deliverable
Support or ongoing activity
08/2021
01/2022
01/2023
01/2024
07/2024
All projects
Issue triaging & code review
Maintenance
CI & packaging improvements
Benchmarking - infrastructure deployed
Writing benchmarks
NumPy
Implement new string dtypes
Performance improvements (SIMD)
Array API standardization support
Pandas
Adopt NumPy's new string dtypes
Extend use of Numba in UDFs
Memory usage optimizations
SciPy
GPU array support (CuPy)
Distributed array support (Dask)
Parallelize algorithms via workers keyword
Large-scale optimization features
HiGHS
CLP, CBC
IPOPT
scikit-learn
GPU array support (CuPy)
Distributed array support (Dask)
Zero-copy Pandas dataframe support
Performance optimizations (Cython)