Understanding Python’s pandas source code

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<https://github.com/pandas-dev/pandas>

# Preliminaries and third-party packages

## Apache Arrow

<https://github.com/apache/arrow>

Apache Arrow defines language-independent columnar memory format for flat and hierarchical data, organized for efficientanalytic operations on modern hardware like CPUs and GPUs. The Arrow memory format supports zero copy reads for fast data access without serialization overhead.

Apache Arrow is software development platform for building high-performance applications that process and transport large data sets. It is designed to both improve the performance of analytical algorithms and the efficiency of moving data from one system or one programming language to another.