

Read/Write CSV Processing Time (s)

1 Million Rows 10 Million Rows

Basic Programming

C Sharp .net core 7.0.203	3.269	37.482
Go 1.19.8	2.743	27.351
Rust 1.68.2	3.154	32.132

Advanced Programming

Rust > Polars 0.17.2	0.406	3.625
Go > Peaks 0.0.1	0.177	0.917
Python/C > Pandas 2.0	4.798	52.799

Build Runtime

dotnet build	webname-csharp 1MillionRows.csv
go build -ldflags "-s -w"	webname-go 1MillionRows.csv
cagro build --release	webname-rust 1MillionRows.csv