Data-Systems-Internals: Hardware Profile

1. General System Information

OS: Windows 11

Processor: Intel(R) Core(TM) i5-8365U CPU @ 1.60GHz

Architecture: AMD64

2. Memory & Paging Internals

Total RAM: 15.78 GB

OS Page Size: 4096 bytes

L2 Cache: 1048576

L3 Cache: 6291456

3. Data Engineering Context

Effective Access Time (EAT) Note: Based on your hardware, memory access is optimized for sequential (Row-Major) data processing. Large L3 cache suggests high performance for vectorized operations in NumPy/Pandas.