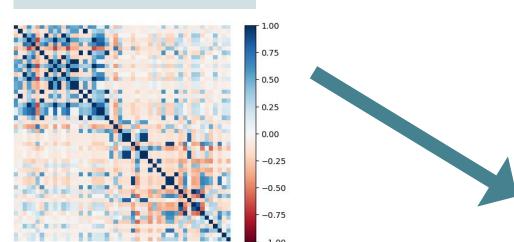
Original Symmetric LD matrix

Storage: **Double precision** floating point format

float64: 8 Bytes per cell



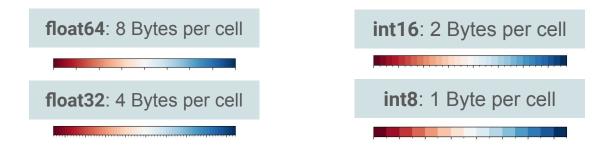
1) Eliminate Redundancy

Store only upper triangular part of the matrix.



2) Quantization

Map entries to low-precision floating points / integers.



3) Cloud-native Compressed Sparse Row (CSR) Storage Format

Entries are stored in chunked and compressed **Zarr** arrays that can be stored on and accessed via cloud storage services.

