


Vector Database Selection

**Pinecone**

✓ Fully managed

✓ Excellent scalability


✗ Proprietary, costly

**Weaviate**

✓ Open source

✓ Built-in vectorization

⚠ Self-hosting required

**Milvus**

✓ High performance

✓ Trillion-scale

⚠ Complex setup

**Qdrant**

✓ Rust-based speed

✓ Easy deployment

✓ Good for medical

Selection Criteria

Data volume: >10M vectors

QPS: 1000+

Latency: <100ms

HIPAA compliance: Required