


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