

cosineSimilarity

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Kind: Function

Source: [atloria-monorepo/libs/agent-core/src/semantic/vector-store.ts](https://github.com/atloria-monorepo/libs/agent-core/src/semantic/vector-store.ts)

Compute cosine similarity between two vectors.

Returns 0 if either vector is zero-length or they differ in dimensionality.

Signature

```
function cosineSimilarity(a: number[], b: number[]): number
```

Parameters

Name	Type
a	number[]
b	number[]

Returns: `number`