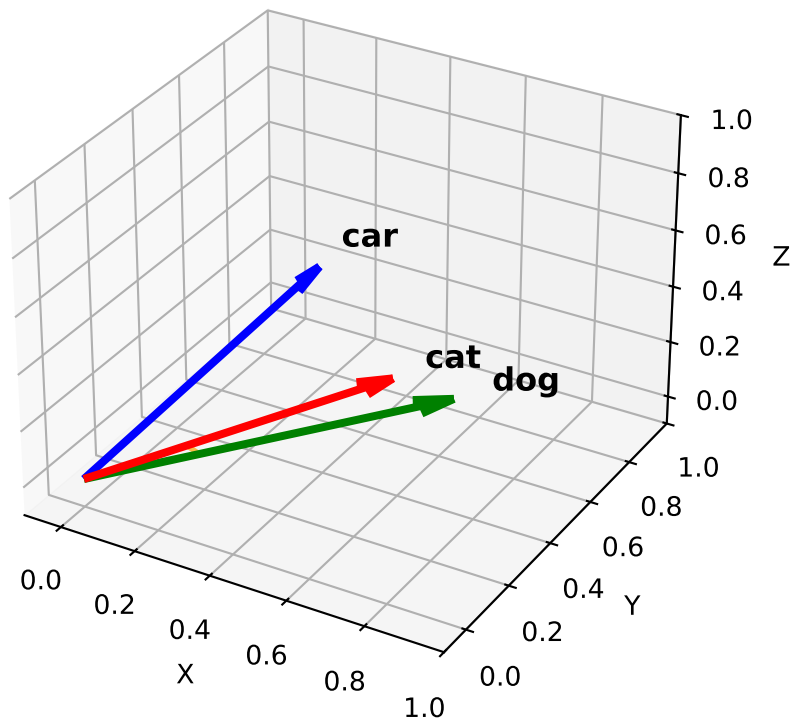**Word Vectors in 3D Space**
Angle(cat,dog)=10.2°
Angle(cat,car)=64.7°

$$similarity = \vec{A} \cdot \vec{B} = |\vec{A}| \times |\vec{B}| \times cos(\theta)$$

Dot Product Similarity Matrix

	cat	dog	car
cat	1.00	0.82	0.35
dog	0.82	1.00	0.43
car	0.35	0.43	1.00

Similarity Score