

Chapter 7

List of Key Terms

Vector Norm

Magnitude/Length

2-norm

$\|\mathbf{x}\|_2$

$\sqrt{\mathbf{x}^T \mathbf{x}}$

Euclidean Norm

Euclidean Distance

Unit vector

Create unit vector

1-norm

$\|\mathbf{x}\|_1$

Manhattan distance

Taxicab distance

Cityblock distance

$\|\mathbf{x}\|_\infty$

Max Distance

Mahalanobis distance