Fourier Transform

Great explanation and visualization of Fourier Transform

<https://www.youtube.com/watch?v=spUNpyF58BY>

PCA

University of Washington professor summarizes PCA

<https://www.youtube.com/watch?v=fkf4IBRSeEc>

University of Nottingham professor explains PCA (Computerphile)

<https://www.youtube.com/watch?v=TJdH6rPA-TI>

SVD

University of Washington professor explains singular value decomposition

<https://youtu.be/gXbThCXjZFM>

University of Washington professor summarizes the mathematical basis of SVD

<https://youtu.be/xy3QyyhiuY4>

MDS

Geneticist explains principal coordinate analysis and multidimensional scaling (StatQuest)

<https://youtu.be/GEn-_dAyYME>

Video contains another explanation of MDS, not as helpful

<https://youtu.be/8QLlz-NvfxA>

Sammon’s Mapping

Visualization of Sammon’s mapping

<https://www.youtube.com/watch?v=HSsrJC_KCKk>

t-SNE

Geneticist explains t-SNE (StatQuest)

<https://www.youtube.com/watch?v=NEaUSP4YerM>