

Research

This file collects all important sources for my work. Including links to papers, repositories and videos.

genetic sequence

Analyse a sequence and predict various things -> TODO which

paper:

- <https://www.nature.com/articles/s41598-020-64655-4#article-comments>
- <https://www.nature.com/articles/s41586-022-04779-x> (unreadable)

repository:

- <https://github.com/odb9402/CNNPeaks>

nanoGPT

repository:

- <https://github.com/karpathy/nanoGPT>

video:

- <https://www.youtube.com/watch?v=kCc8FmEb1nY>

Attention is all you need

paper:

- <https://arxiv.org/pdf/1706.03762.pdf>

video:

- <https://www.youtube.com/watch?v=U0s0f995w14>

TimeSeriesTransformer

paper:

- <https://arxiv.org/pdf/2001.08317.pdf>

repository:

- https://github.com/KasperGroesLudvigsen/influenza_transformer

article:

- <https://towardsdatascience.com/how-to-make-a-pytorch-transformer-for-time-series-forecasting-69e073d4061e>