

Time series analysis

```
graph LR; Root[Time series analysis] --> Classical[Classical]; Root --> Dynamic[Dynamic]; Root --> DeepLearning[Deep Learning]; Root --> More[AND MORE...]; Classical --> SARIMAX[SARIMAX]; Classical --> GARCH_ARCH[GARCH, ARCH]; Classical --> NonParametric[NON-PARAMETRIC REG]; Classical --> HighOrder[HIGH ORDER MODELS]; Classical --> VAR[VAR AUTOREGRESSION]; Classical --> FourierWavelet[FOURIER, WAVELET]; Dynamic --> NEURAL_ODE[NEURAL-ODE]; Dynamic --> CONVOLUTION1[CONVOLUTION]; Dynamic --> RECURSIVE1[RECURSIVE]; Dynamic --> ATTENTION1[ATTENTION]; Dynamic --> SSA[SSA]; Dynamic --> CONVERGENT[CONVERGENT CROSS MAPPING]; Dynamic --> NON_LINEAR[NON-LINEAR]; DeepLearning --> CONVOLUTION2[CONVOLUTION]; DeepLearning --> RECURSIVE2[RECURSIVE]; DeepLearning --> ATTENTION2[ATTENTION];
```

Classical

SARIMAX

GARCH, ARCH

NON-PARAMETRIC REG

HIGH ORDER MODELS

VAR AUTOREGRESSION

FOURIER, WAVELET

Dynamic

NEURAL-ODE

CONVOLUTION

RECURSIVE

ATTENTION

SSA

CONVERGENT CROSS
MAPPING

NON-LINEAR

Deep Learning

CONVOLUTION

RECURSIVE

ATTENTION

AND MORE...