

continuous_wavelet_transform

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Introduction

the continuous wavelet transform (CWT) is a formal tool that provides an overcomplete representation of a signal by letting the translation and scale parameter of the wavelets vary continuously. Wavelets are well suited for plotting a spectrum of the dataset to get quick insights.

DATA_GUIDE

The data has 15548 rows. day,month,year:integer gender:female or male births:integer

problem-statement

Using CWT do a 1D data analysis There is an abnormal feature within the features that you have been provided try to find it and specify if it is a real feature or an artefact from missing data?

TechnicalRequirements

1.Use the given dataset. 2.Your notebook is important so make it as clear as possible 3.Any other data analysis method won't be accepted 4.The result of each treatment should appear in the notebook. 5.The submitted file should have the .html extension. 6.the notebook must be well commented and presented.