Load Forecasting: Exploratory Data Analysis

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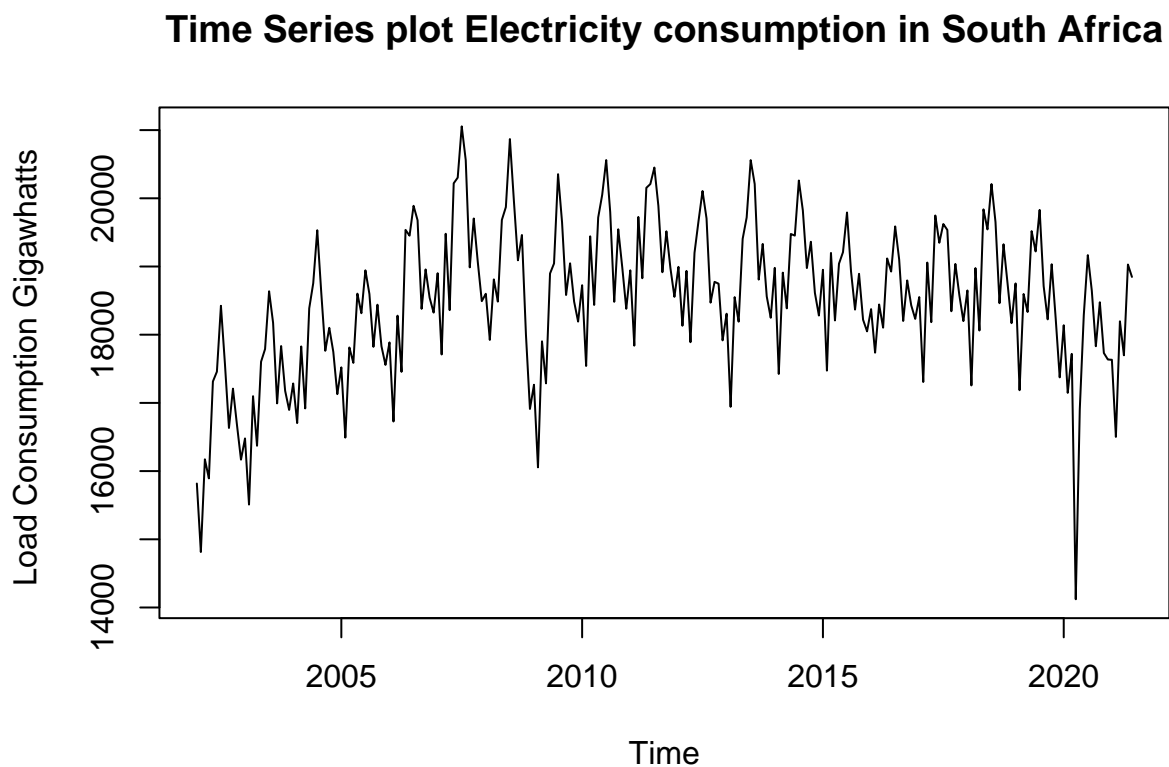
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Loading and Transforming Data

The following code loads data and transform it into Time Series object

```
data_load=read.csv("dataset.csv")
main_dataset<-ts(data = data_load$Consumption,frequency = 12,start = c(2002,01),end = c(2021,06))
```
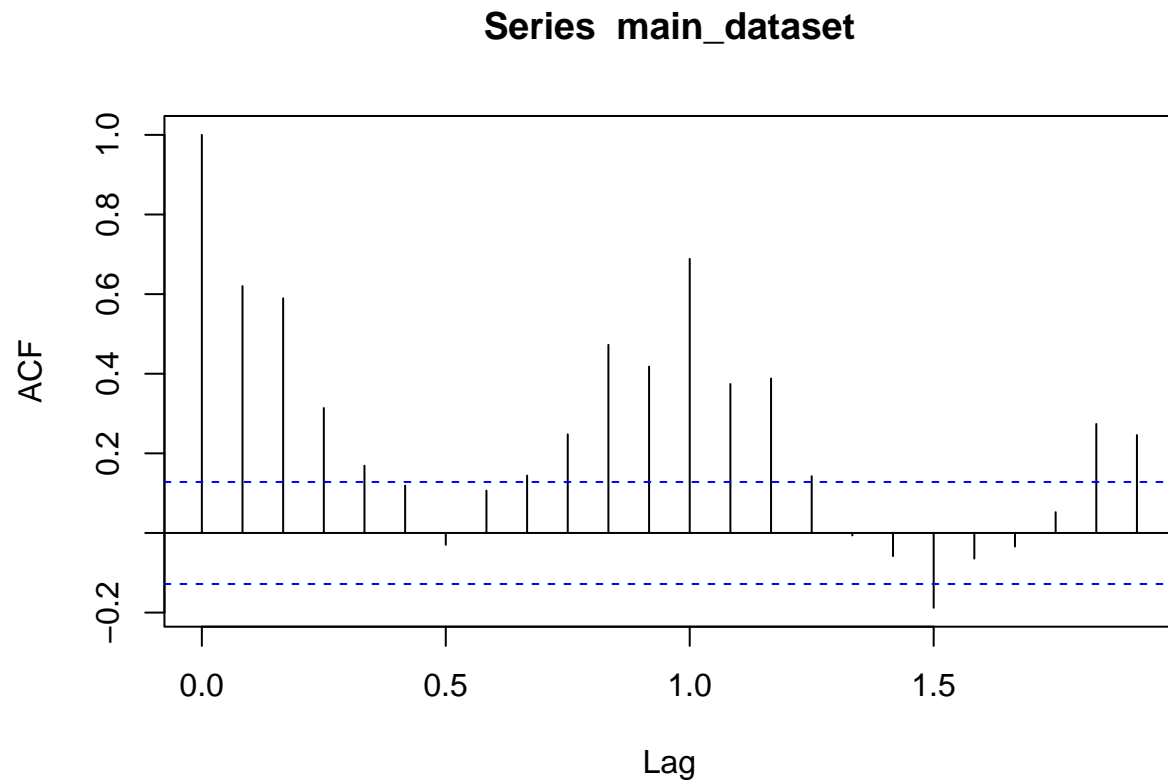
Time Series Plots

Original Time Series Plot

```
plot(main_dataset,ylab="Load Consumption Gigawhatts ",main="Time Series plot Electricity consumption in
```
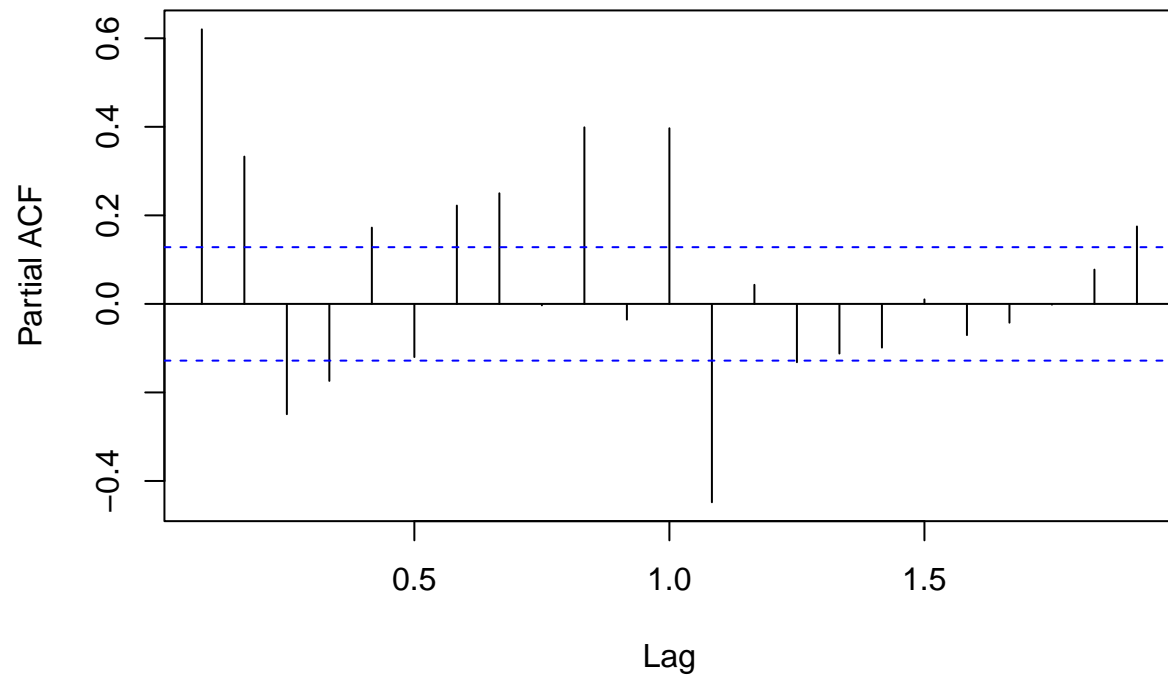
Autocorrelation function

```
acf(main_dataset)
```

Series main_dataset

Partial Autocorrelation function

```
acf(main_dataset, type="partial")
```

Series main_dataset

Thank You