HAX712X Project

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Plan

1. Introduction
2. Prediction
3. Interactive card

1 Introduction

2 Prediction

3 Interactive card

Introduction

- Prediction and Visualisation Data from Enedis (French company in charge of the public electricity network)
- Distribution of tasks

1 Introduction

2 Prediction

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Prediction : Step 1

Data Collection

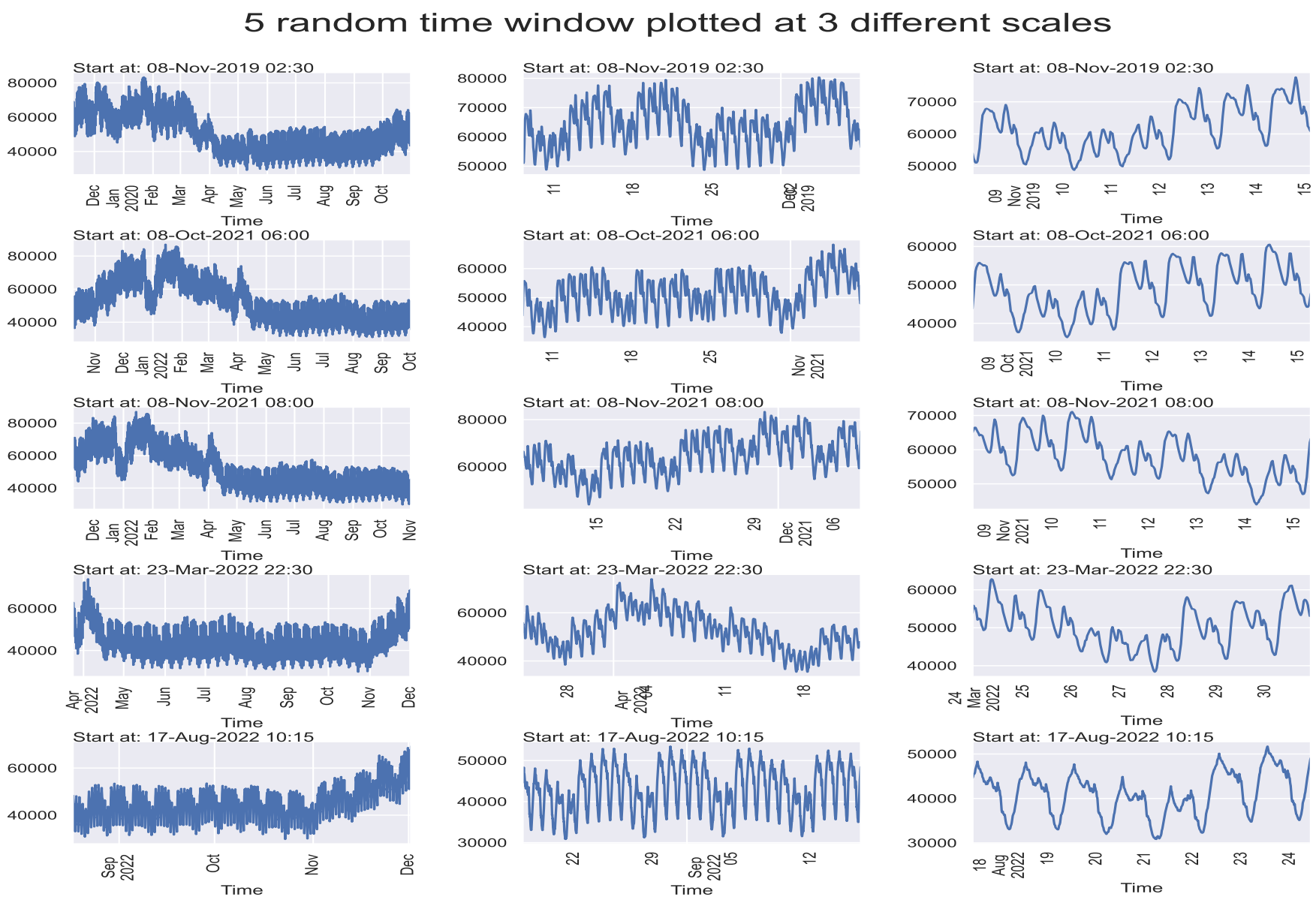
- DataSet Importation : from January 2019 to December 2022.
- Replace missing Data "`nan`".

Prediction : Step 2

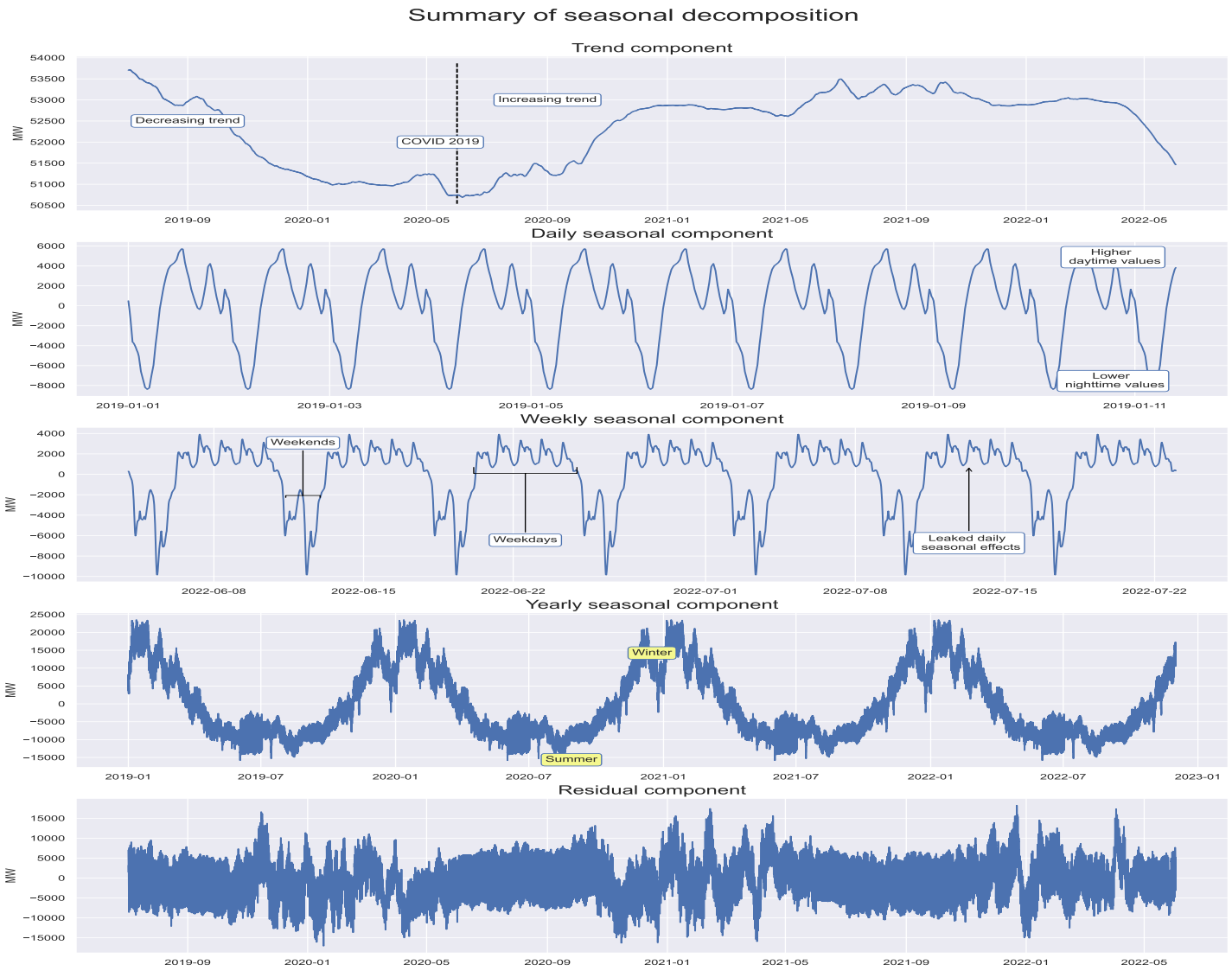
Data Behaviours

- plot the Data from different scales .
- Checking the Seasonality.

different scales



Checking the Seasonality

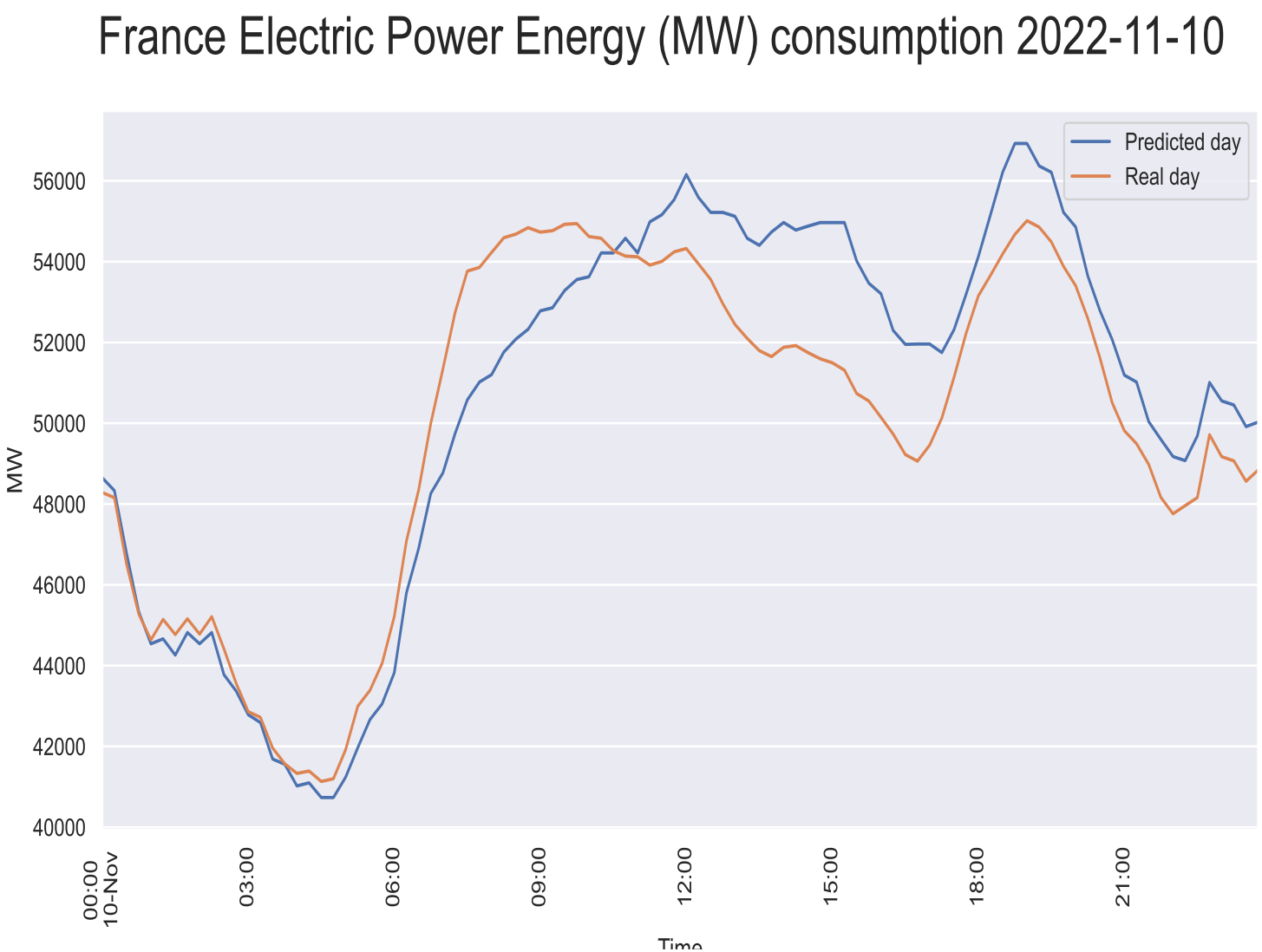


Prediction : Step 3

Fiting model

- Splitting Data .
- Fitting Model .
- Prediction per day.

Predicted day vs Real day Consumption



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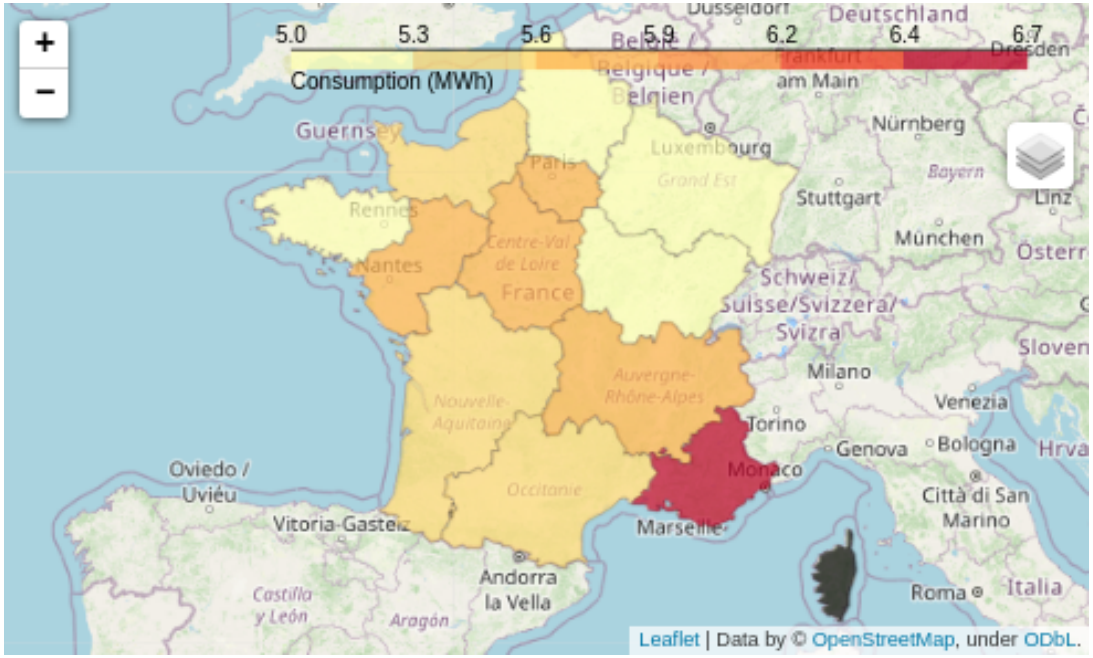

Two maps :

- pygal map (Florian Mounier) really shiny but limited
- folium map (specific for choropleth) Yan Holtz