# Experiment Setup

## Hardware

The tests were carried out on a PC with a Windows OS. The computer's features are described in the following:

* GPU: Intel Nvidia RTX 2070
* CPU: Intel Core i7 8th Generation
* RAM:
* Mother Board:

## Software

Python is the programming language utilised. The experiment is carried out in a virtual environment generated with Visual Studio Code and Python 3.9.0. The relevant packages are utilised in the experiment. A Jupyter Notebook was used to write and run the code. The network was trained using the Nvidia RTX 2070 GPU, which has 16 GB VRAM and CUDA version 11.0.

* Tensorflow
* Keras
* Scikit-learn
* Pandas
* Fbprophet
* Matplotlib
* NumPy
* Seaborn

## Settings

# Cases

# Data and Training

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Fold 1 | Train | Test | | | |
| Fold 2 | Train | | Test | | |
| Fold 3 | Train | | | Test | |
| Fold 4 | Train | | | | Test |

# Model Experiments

## Loss Functions

## Activation Functions

# Model Structure

## (How many layers)

# Output of the cases