

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِيْمِ

"In the name of Allah, the Merciful,
the Compassionate"

Weather Forecasting (Australia)

Using Neural Prophet
Model

Presenters

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what are we going to cover?

Dataset
Description

About Neural
Prophet

Application Of
Neural Prophet

About The Dataset

What is Neural Prophet and Why?

What?

- NeuralProphet is inspired by facebook prophet.
- It is a python library for modeling time series data based on neural networks.
- It is built on top of pytorch.

- Automatic selection of training related hyperparameters.
- Plotting for forecast components, model coefficients and final predictions.
- Fourier term seasonality at different periods such as yearly, daily, weekly, hourly.
- User-friendly and powerful Python package

Fun Fact !

NeuralProphet outperforms Facebook Prophet on a diverse collection of real-world datasets. For short to medium-term forecasts, NeuralProphet improves forecast accuracy by 55 to 92 percent.

Application of Neural Prophet

Thank you for your Attention

"A wise man once said
The end is merely the start"