



Model Deployment for Energy Prediction

About the Project

This project is focused on predicting energy output based on various environmental factors. Using a machine learning model trained on historical data, we analyze the impact of parameters such as temperature, exhaust vacuum, ambient pressure, and relative humidity on energy production.

The model deployed in this application leverages advanced regression techniques to provide accurate predictions, assisting energy management and optimization efforts in industrial and commercial settings.

How it works: Simply enter the relevant environmental conditions below, confirm your inputs, and the model will generate a prediction based on the values you provide. This information can help in making informed decisions to optimize energy efficiency and reduce operational costs.

Enter Input Parameters

Provide the following environmental conditions for an accurate prediction:

Temperature (°C)



-

+

Exhaust Vacuum (in Hg)



25.00

**Ambient Pressure (hPa)**

900.00

**Relative Humidity (%)**

25.00



25.00

100.00

☐ Confirm Input Parameters

Please confirm your input parameters to see the prediction.