

Analysis on Machine Learning Techniques for Time series Load Forecasting



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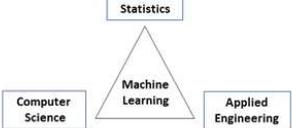
Machine Learning GUI Example

What is Machine Learning all about?

Ability of a Machine to extricate information from data provided to make decisions.



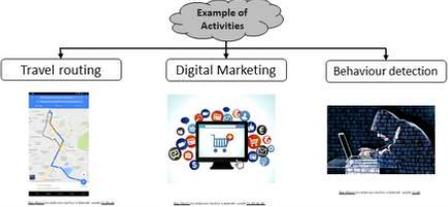
Combination of disciplines from computer science, statistics and applied engineering



Use of computational resources to speed up tedious or complex tasks and improve productivity



Some examples of activities in society augmented with the aid of machine learning resources



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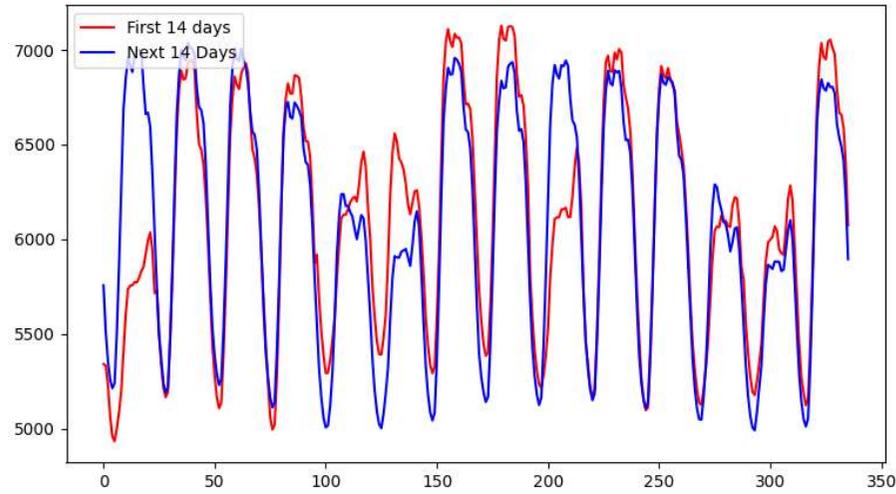
Project Introduction Page

Dataset Example

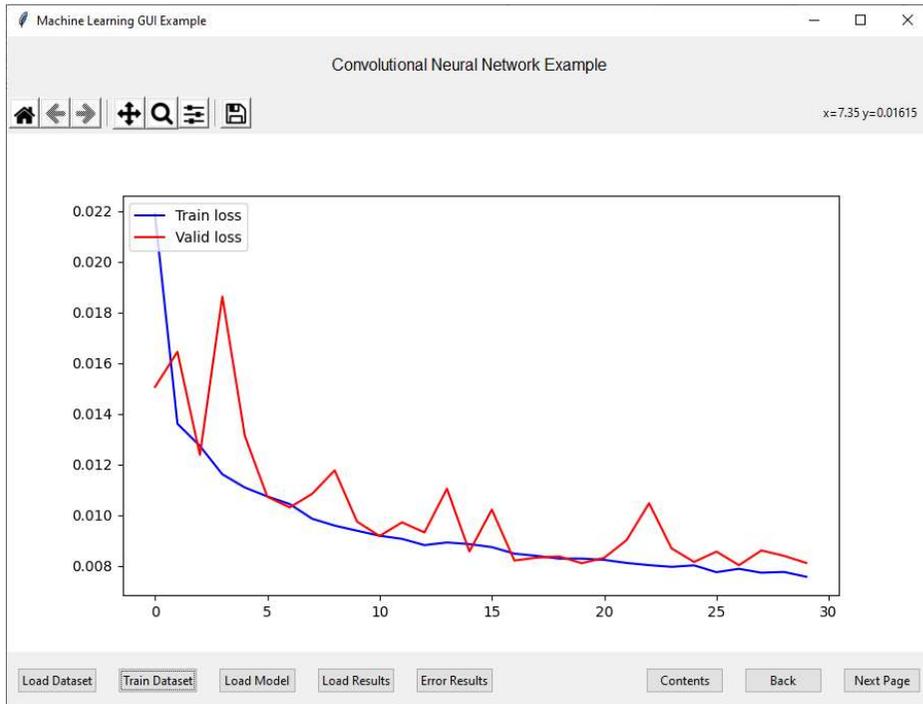
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Convolutional Neural Network Example



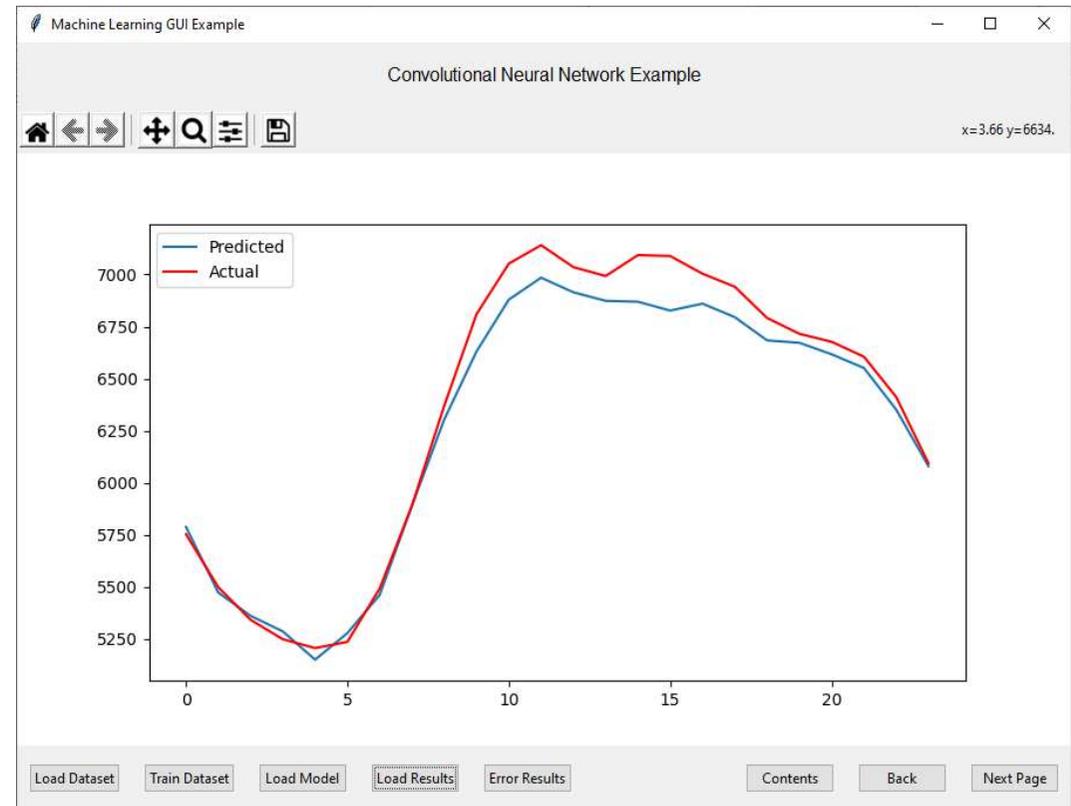


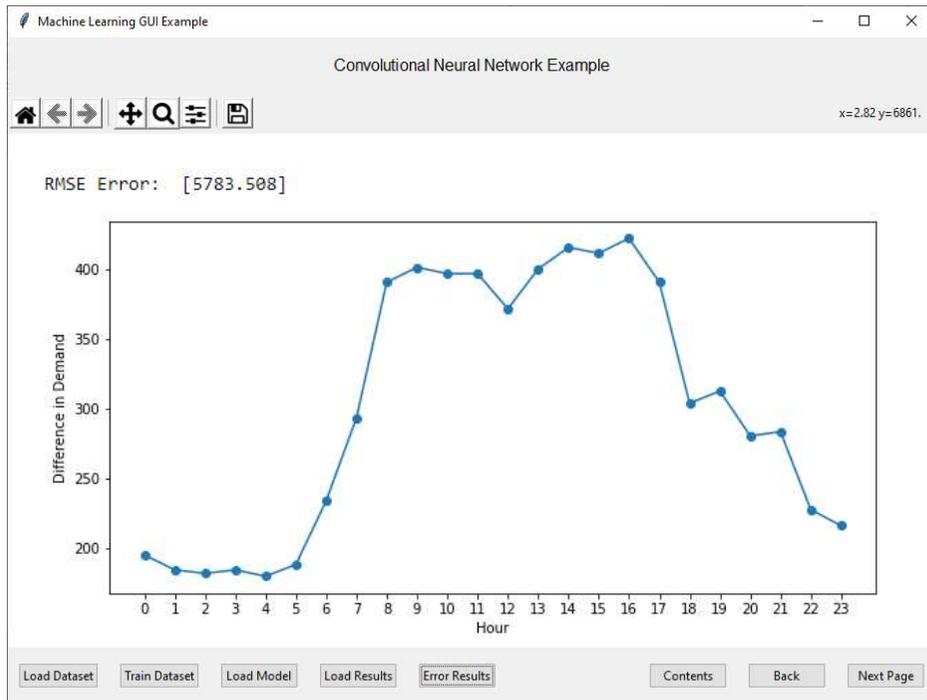
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Observing Loss Parameters

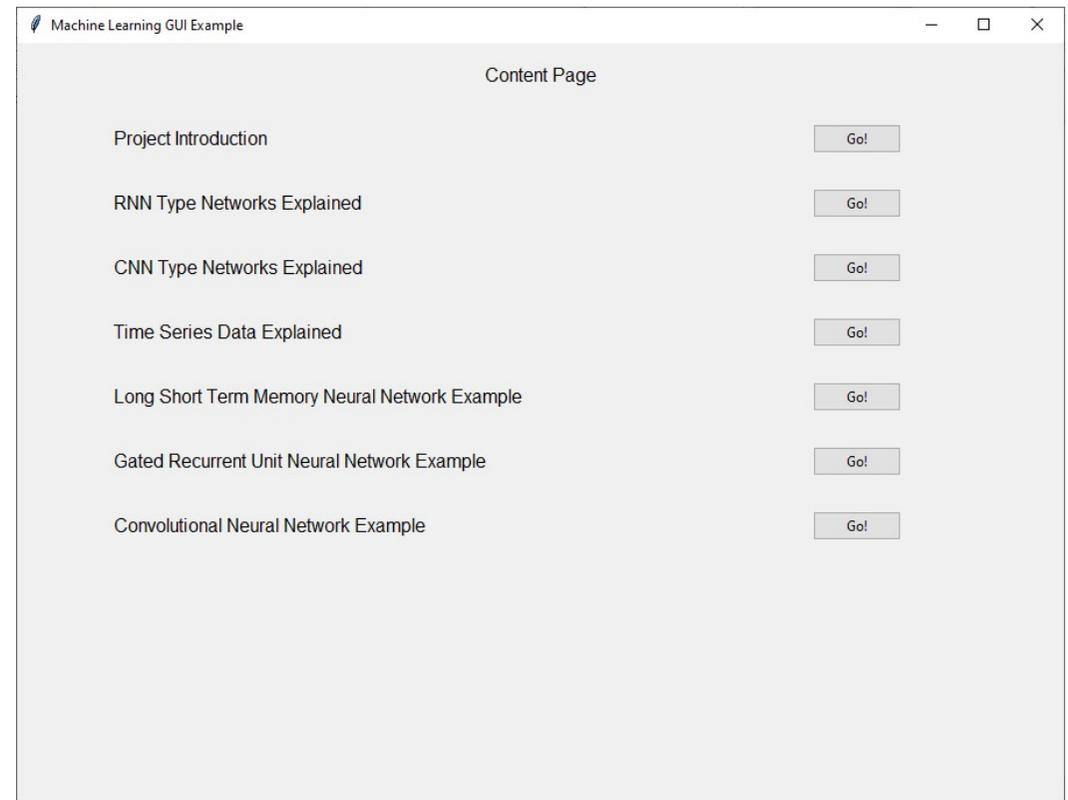
Comparison of Results





Details on prediction error for CNN model

Other model options



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- CNN Type Networks Explained
- Time Series Data Explained
- Long Short Term Memory Neural Network Example
- Gated Recurrent Unit Neural Network Example
- Convolutional Neural Network Example