

Machine Learning(MO444)

Final Series Forecasting

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I. INTRODUCTION

This project will focus on the problem of Web Traffic Time Series Forecasting hosted on Kaggle [1]. The problem focuses on the problem of forecasting the future values of multiple time series. Sequential or temporal observations emerge in many key real-world problems, ranging from biological data, financial markets, weather forecasting, to audio and video processing. The field of time series encapsulates many different problems, ranging from analysis and inference to classification and forecast. On our project we will forecast future web traffic for approximately Wikipedia pages, with a dataset provided by Kaggle [2].

II. BACKGROUND AND RELATED WORK

III. EXPERIMENT RESULTS & DISCUSSION

IV. CONCLUSION & FUTURE WORK

REFERENCES

- [1] Kaggle. Web traffic time series forecasting. <https://www.kaggle.com/c/web-traffic-time-series-forecasting>.
- [2] Kaggle. Web traffic time series forecasting data.