

Basic forecasting of daily average temperature in Brazil cities

Applied Forecasting course, VNUK Institute for Research and Executive Education

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Abstract

topic of the project (object of forecasting)

main issues or problems to address (questions of interests)

briefly describe the data: what? why? how? where?

key findings from the analysis

1. Executive Summary

topic

main issues

data

key results

2. About the Data

data collection process

data background (questions to understand the data)

data cleaning (pre-processing)

-> data ready for the next steps

3. Literature Review

background knowledge from the topic

foundation of the research (purposes)

3-4 journals research papers

4. Individual forecasting models used

briefly explain used models

5. Forecasting results analysis

Separate the data: train - test

For each model:

prepare the data

run the model

plot data with: 1. the forecasting result; 2. real data

save error measures

Compare all models: 1. in a plot; 2. through errors

** Regression model with other elements of weather **????

6. Data interpretation - Story telling

Choose 1 best model/approach/method to forecast

Show the forecast result of that model again

Explain the result

Why do the result make sense and be meaningful?

Relationships between the variables

7. Conclusions, implications and extensions

Conclude about the potential model to use

Brief the result

Left concerns about the project

Recommendation for managerial decision making/future related research

Acknowledgements

Supports from?

Class? Teacher?

References

[index] Author(s). Title. Date.