

Data 624 - HW 3 - Time Series Forecasting

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All exercises can be found in “Forecasting: Principles and Practice” written by Rob J Hyndman and George Athanasopoulos.

Setup

The following packages are required to rerun this `.rmd` file:

```
library(tidyverse)
library(fpp3)
```

Exercise 5.1

Description

Produce forecasts for the following series using whichever of `NAIVE(y)`, `SNAIVE(y)` or `RW(y ~ drift())` is more appropriate in each case:

- Australian Population (`global_economy`)
- Bricks (`aus_production`)
- NSW Lambs (`aus_livestock`)
- Household wealth (`hh_budget`).
- Australian takeaway food turnover (`aus_retail`).

Solution

Exercise 5.2

Description

Solution

Exercise 5.3

Description

Solution

Exercise 5.4

Description

Solution

Exercise 5.7

Description

Solution