Time series run chart

TREND ANALYSIS IN POWER BI

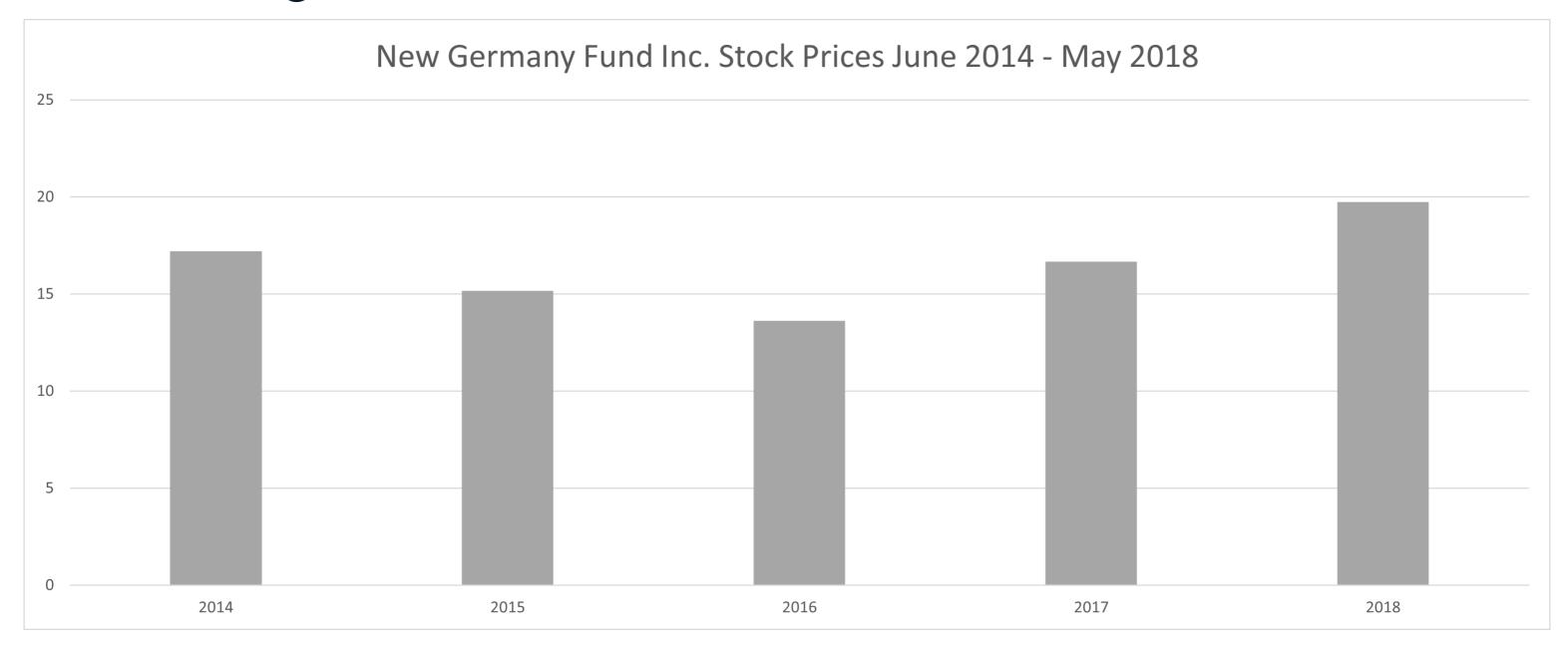


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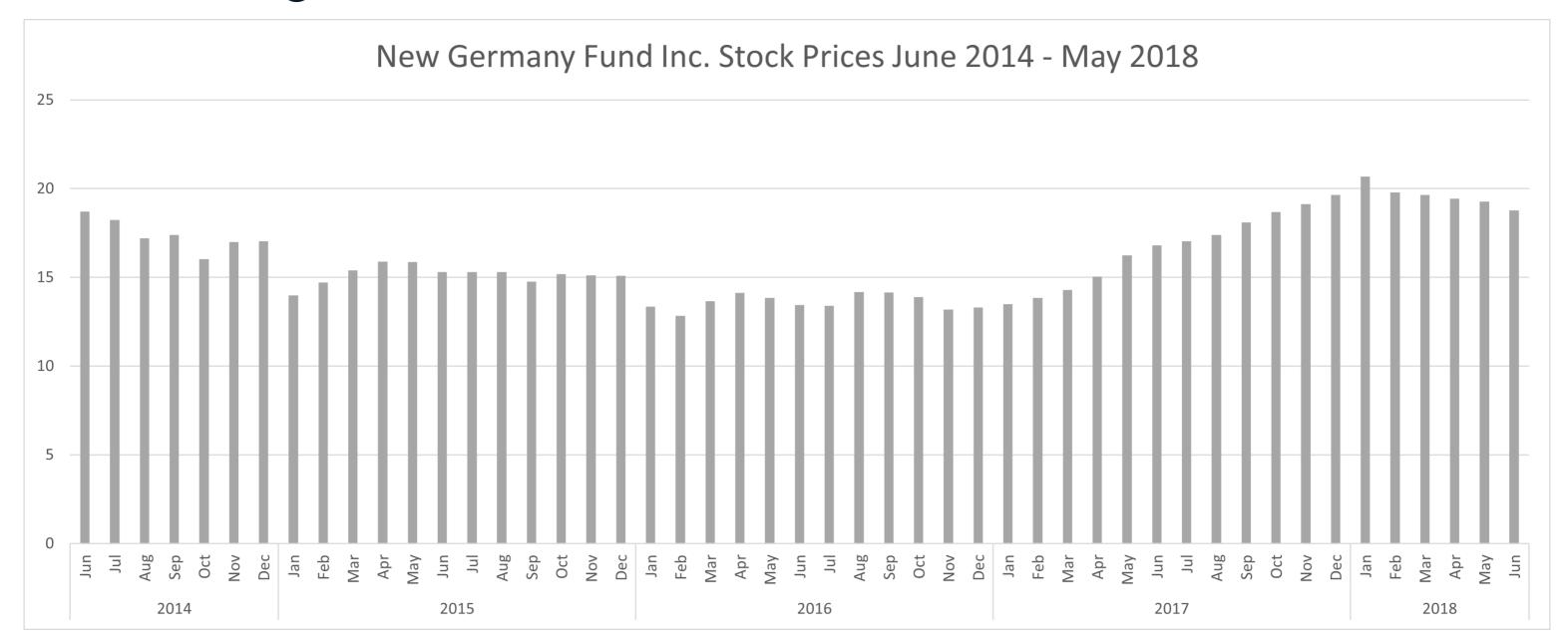


Visualizing a time series



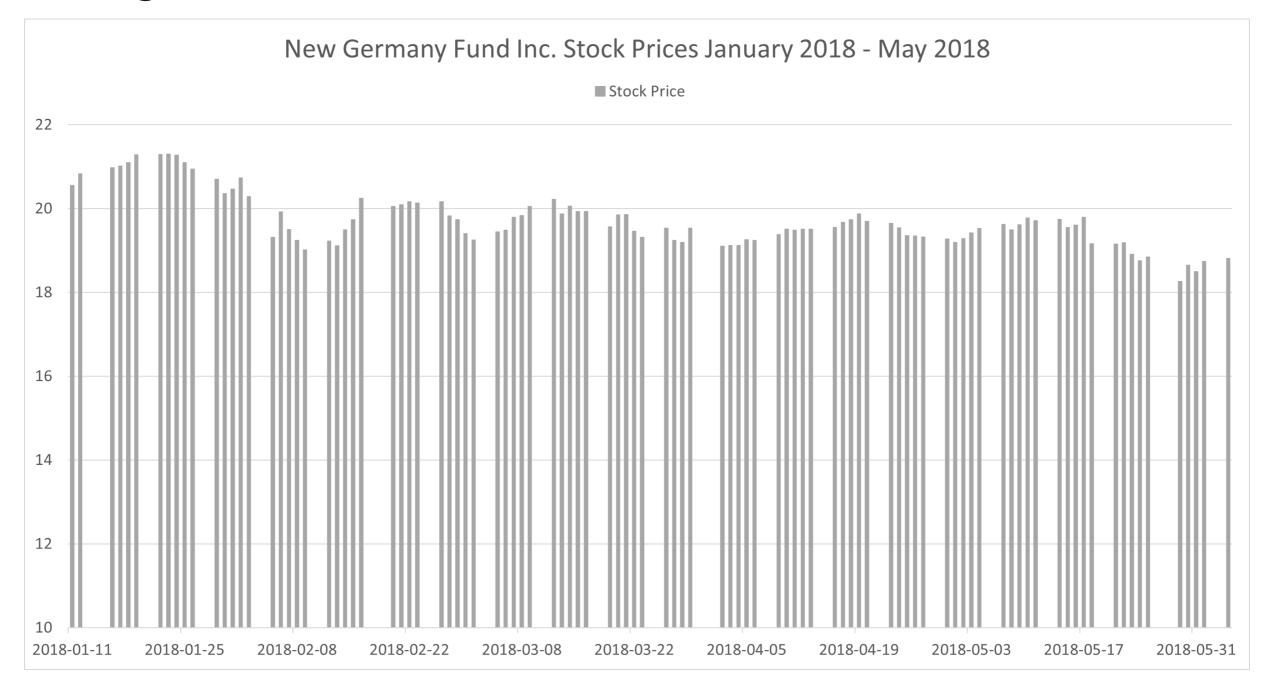


Visualizing a time series





Visualizing a time series



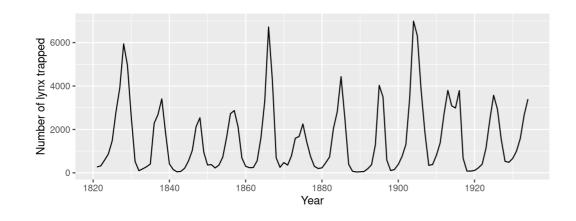


What is a run chart?



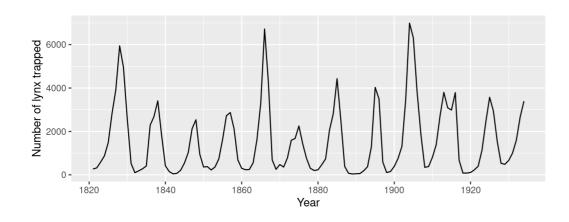


Patterns in a time series Cyclical



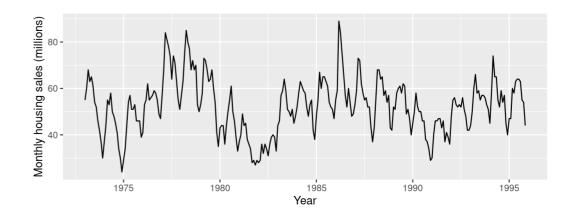
- Rise and fall patterns
- No fixed time period
- Pattern typically longer than a year in length
- Less predictable

Patterns in a time series Cyclical



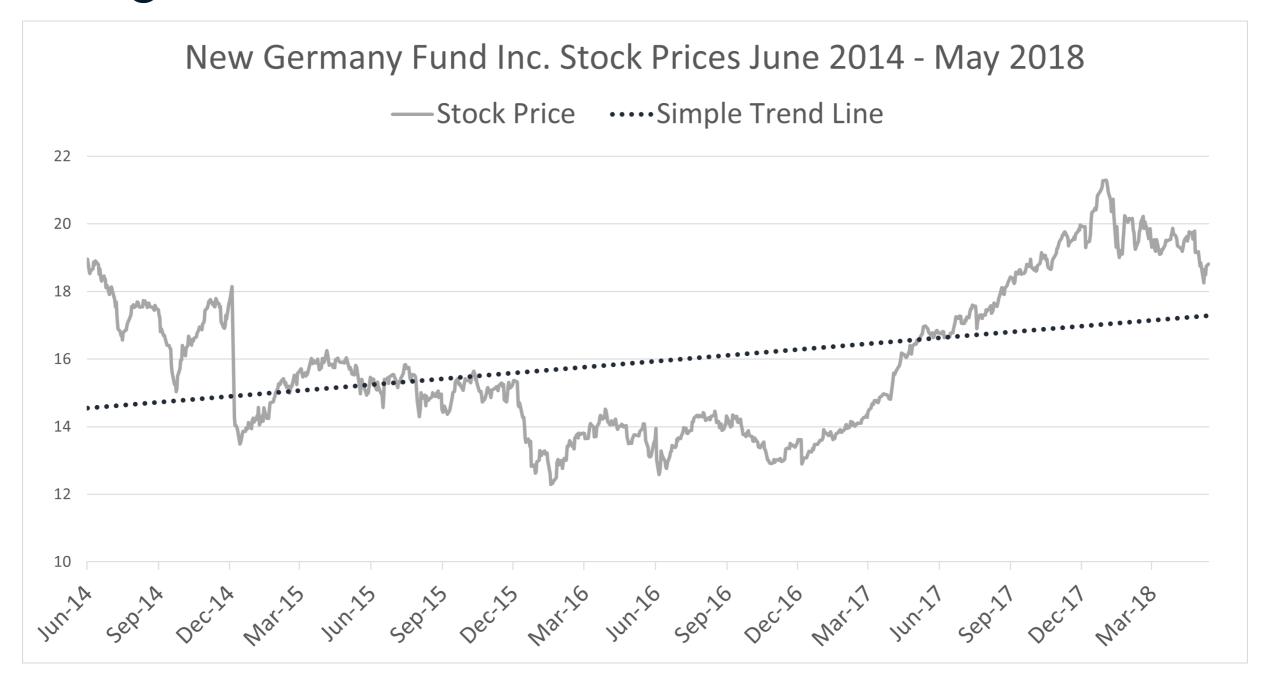
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Seasonality



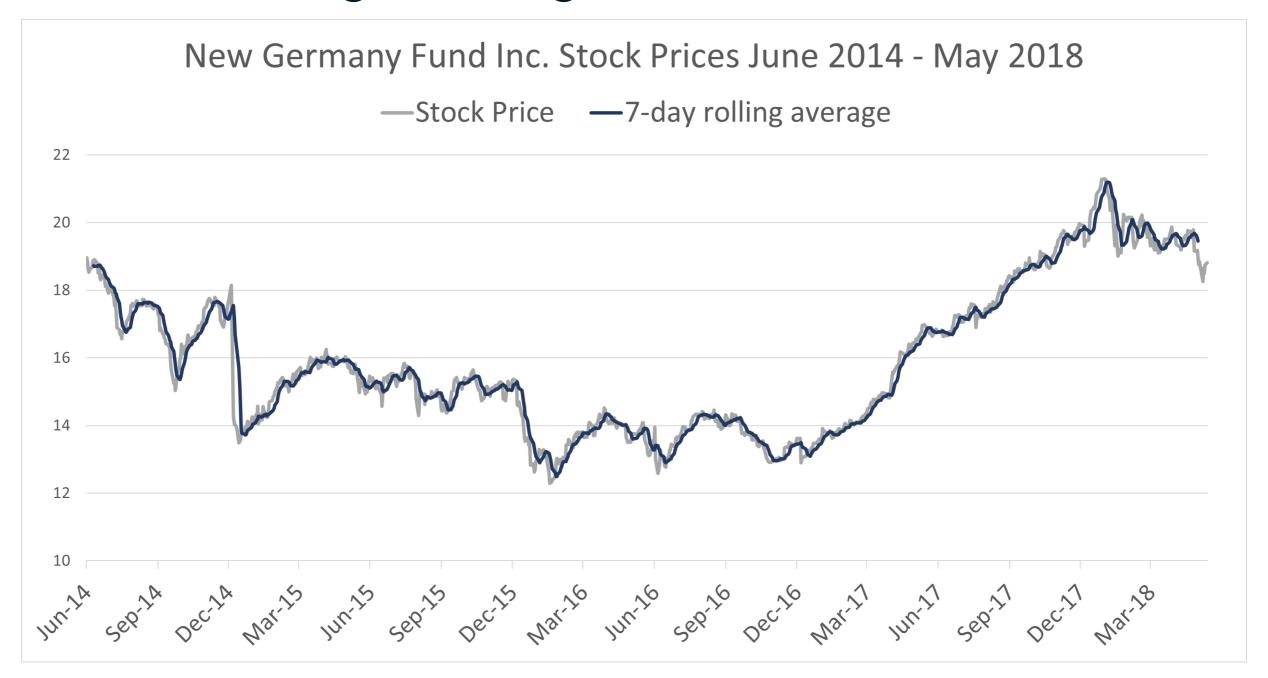
- Pattern is influenced by the season (ex. holiday spending)
- Fixed time periods
- Pattern typically occurs over less than a year

Evaluating the trend in the time series



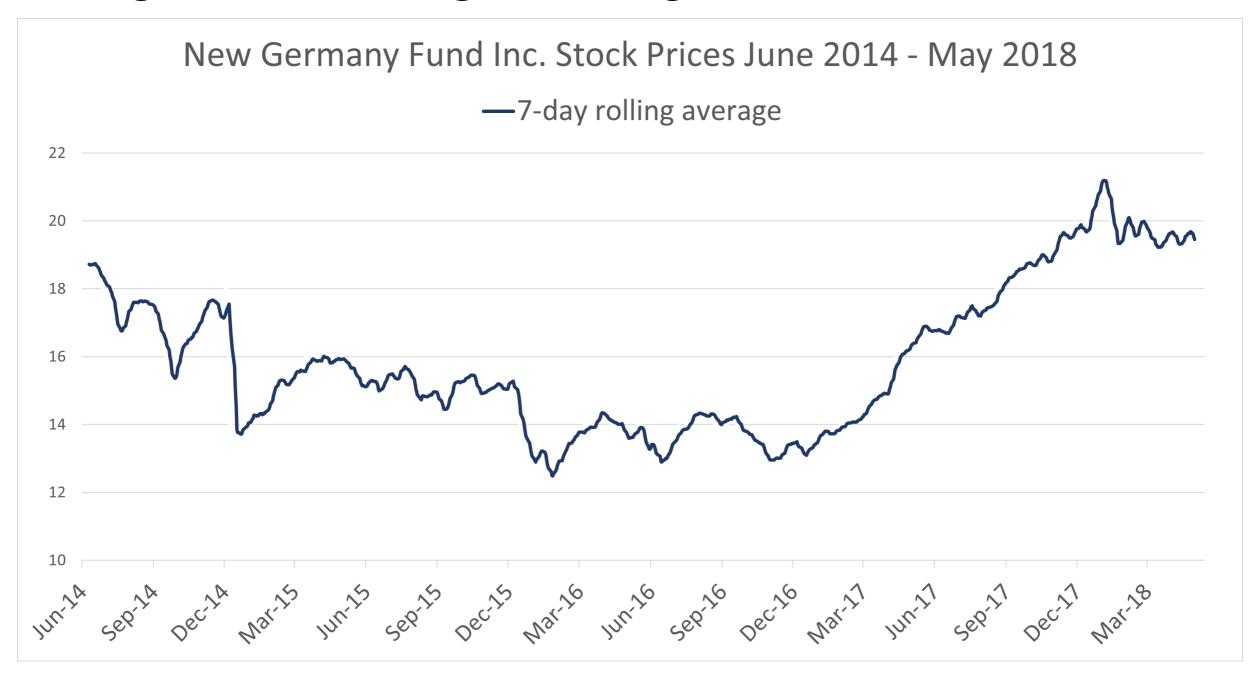


Trends with rolling averages



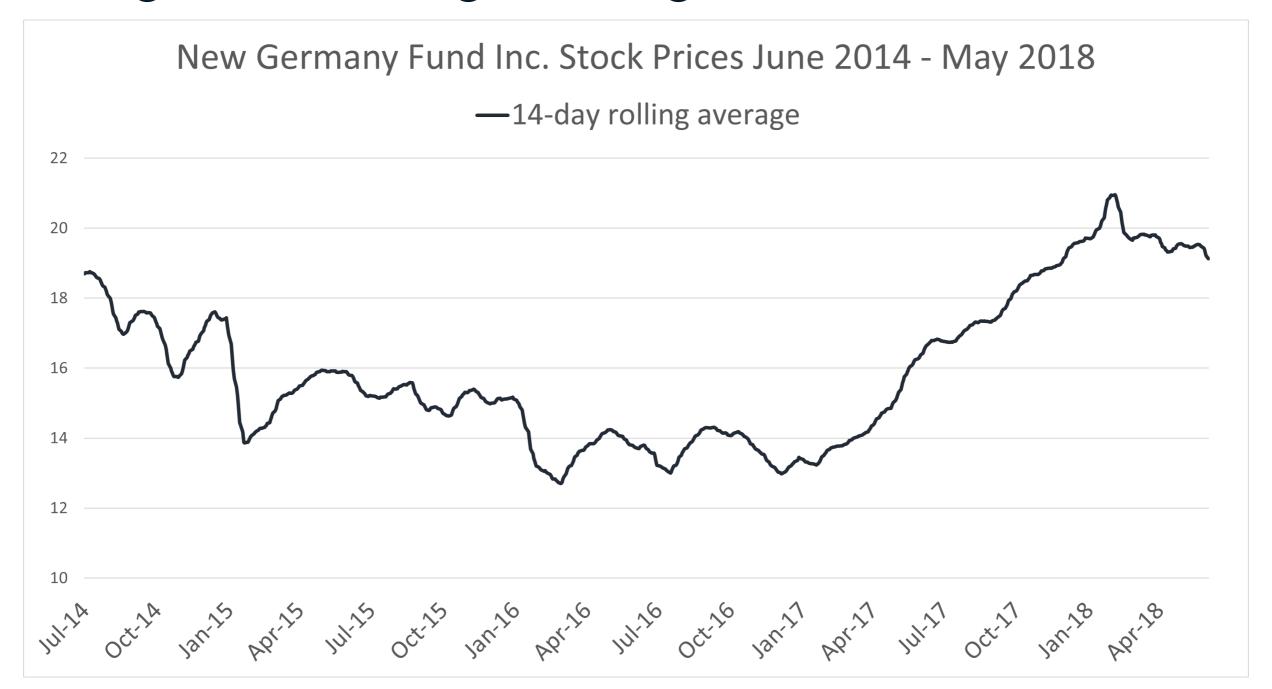


Smoothing with rolling averages

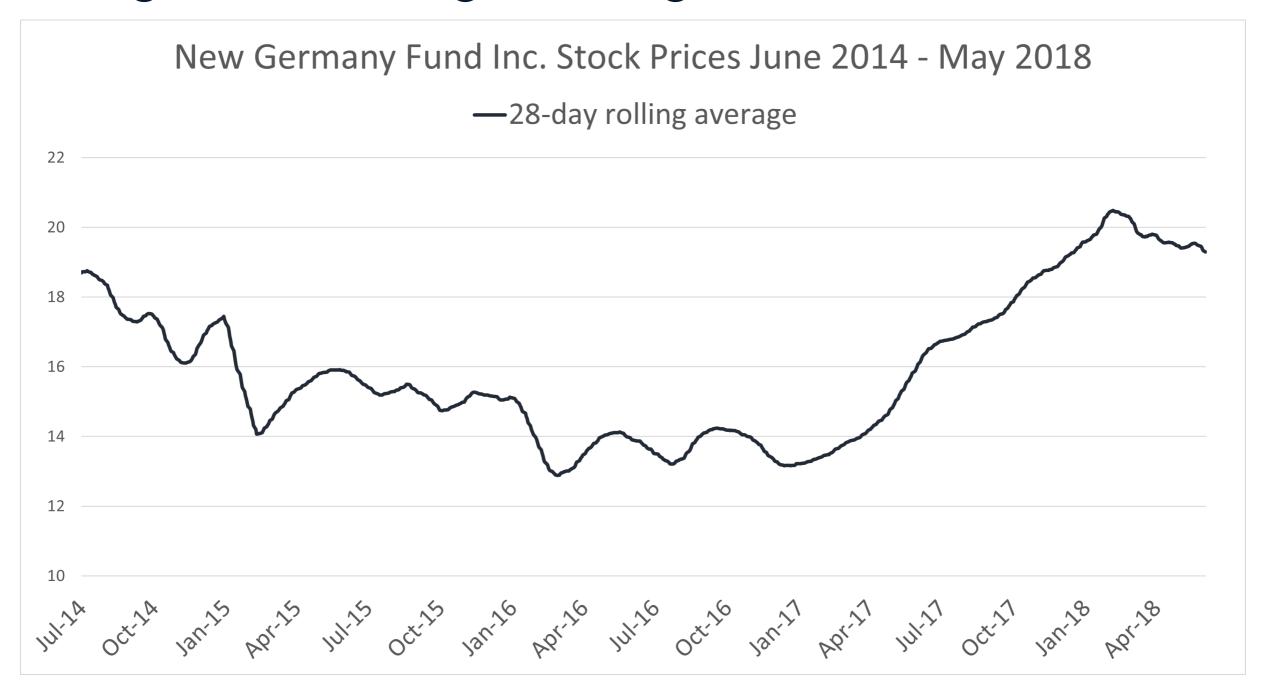




Smoothing with rolling averages

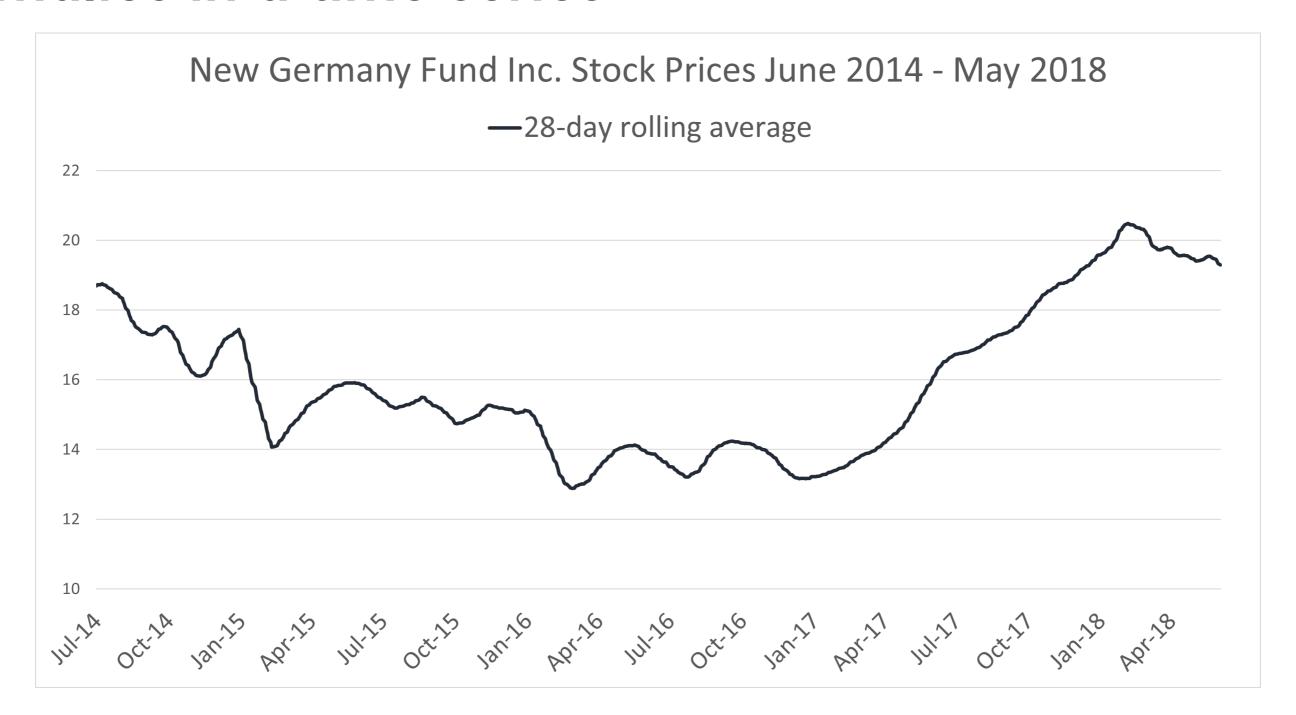


Smoothing with rolling averages



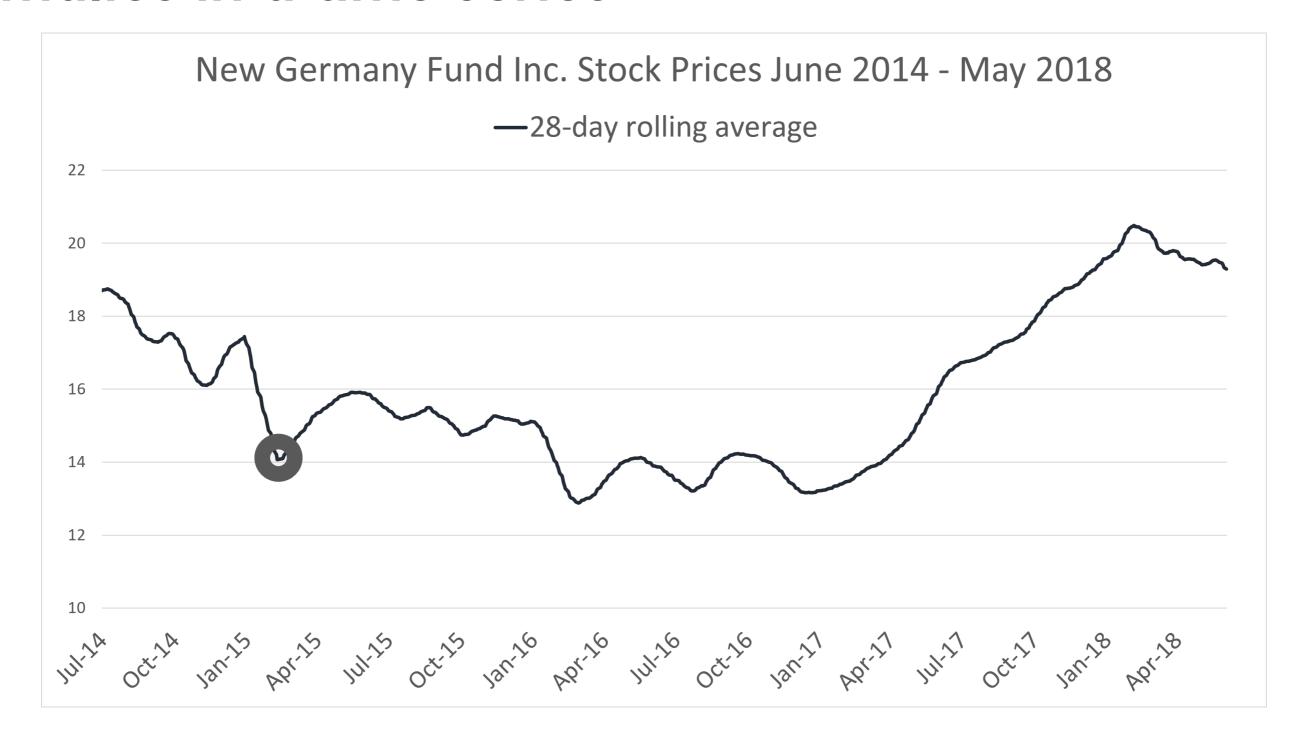


Anomalies in a time series





Anomalies in a time series





Let's practice!

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Analyzing Glassdoor reviews over time

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Let's practice!

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