Forecasting

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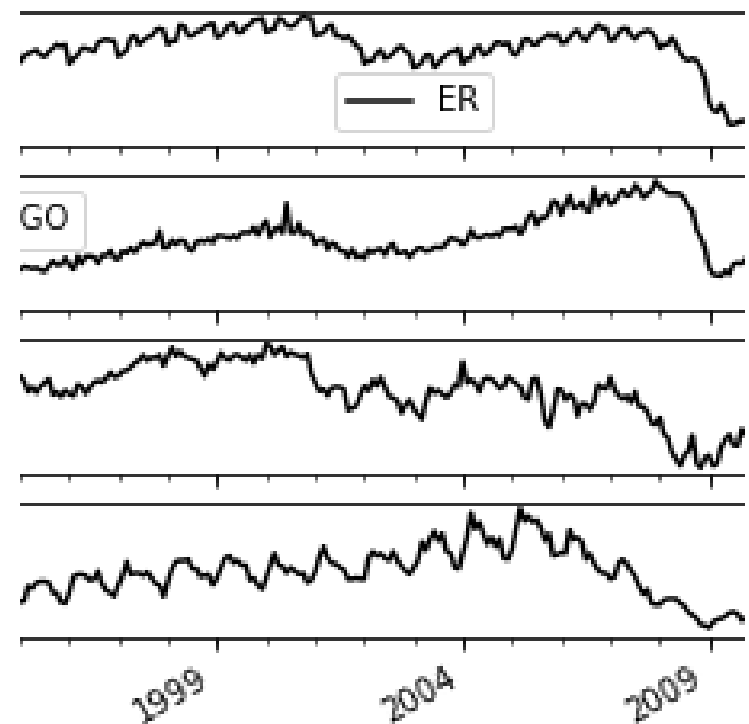
Patterns in Temporal Data

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Forecasting

- White noise

- Covariance

- Seasonality
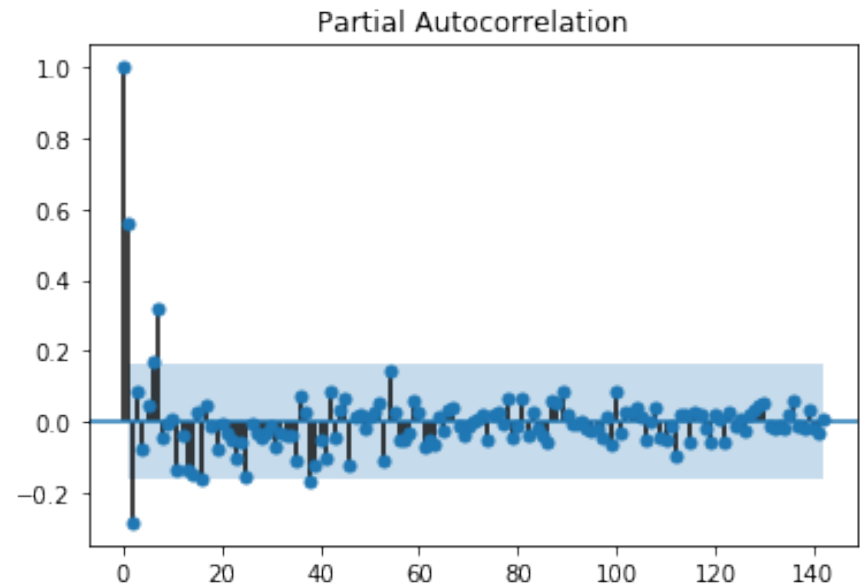
- Stationary

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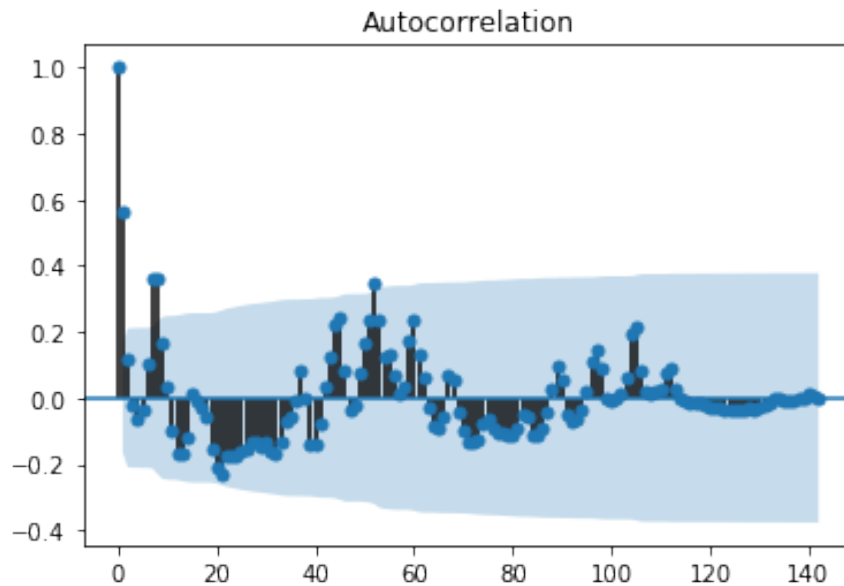# White Noise

- A random process
- Independent
- Identically distributed
- Mean = zero
- Variance = σ^2
- Correlation = zero

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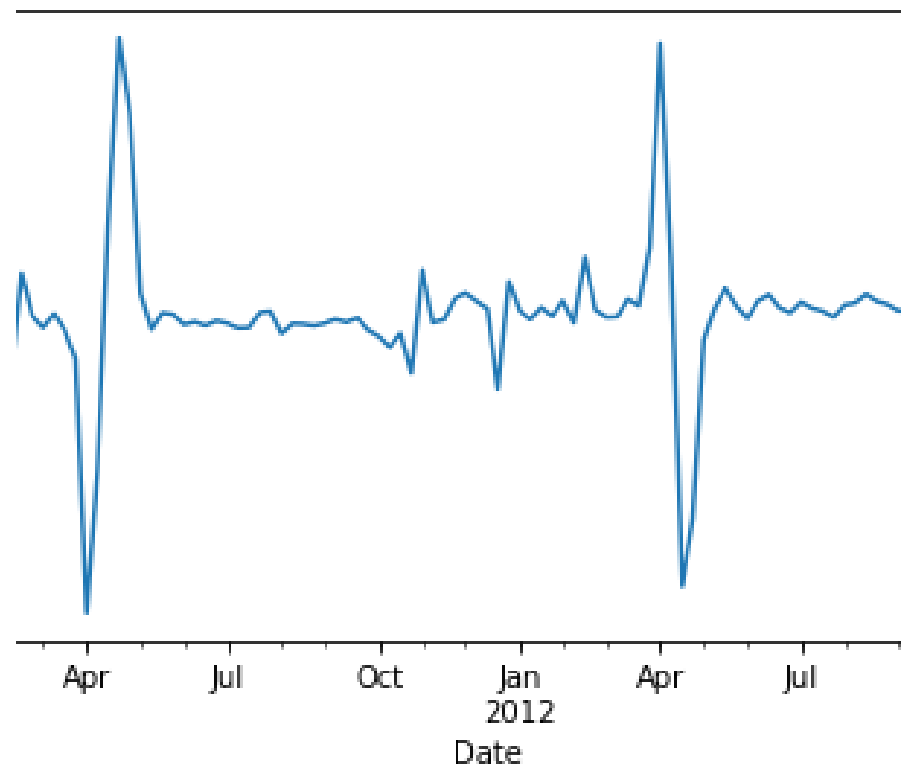
Covariance

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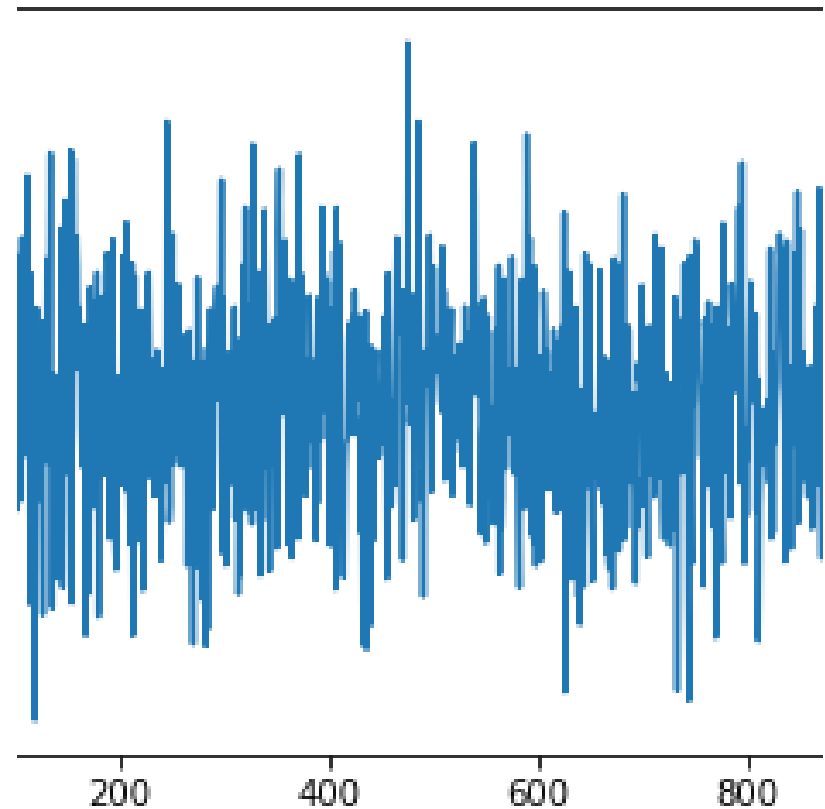
Stationary

- Process does not vary
- Mean stable over time
- Variance stable over time
- White noise?
  - Yes
- Seasonality?
  - No

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Seasonality

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