



Learn About Time Series ARIMA in SPSS With Data From EPA's Air Quality System Data Mart (2017)

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About This Dataset

Data Source Citation

U.S. Environmental Agency. (2017). *Air Quality System (AQS) 2017* [Data file]. Retrieved from <http://www.epa.gov/ttn/airs/aqsdatamart>

Full title of originating dataset

Air Quality System 2017

Data author(s) and affiliations

U.S. Environmental Protection Agency

Dataset source website address

<https://www.epa.gov/airdata>

Data Universe

Temporal air quality measurements

Funding sources/suppliers

U.S. Environmental Agency

Data collection dates

2017

Time frame of analysis

2017

Unit of analysis

Air Quality Index (AQI) measurement

Location covered by data

United States, Puerto Rico, and U.S. Virgin Islands

Links to SRM content

- Boef, S. (2004). ARIMA. In M. S. Lewis-Beck, A. Bryman, & T. F. Liao (Eds.), *The SAGE encyclopedia of social science research methods* (pp. 23-25). Thousand Oaks, CA: SAGE. Retrieved from <http://dx.doi.org/10.4135/9781412950589.n22>
 - P. T. Brandt, & J. T. Williams (2007). Introduction to multiple time series models. In *Multiple time series models* (pp. 2-15). Thousand Oaks, CA: SAGE. Retrieved from <http://dx.doi.org/10.4135/9781412985215.n1>
 - McDowall, D., McCleary, R., Errol E. Meidinger, & Richard A. Hay, Jr. (Eds.). (1980). *Interrupted time series analysis*. Thousand Oaks, CA: SAGE. Retrieved <http://dx.doi.org/10.4135/9781412984607>
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List of variables

Date

AQI

PM2.5

Ozone

Abbreviations, conventions or notation devices

AQI = Air Quality Index

PM = Particulate Matter