Project 1

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Investigating Particulate Matter Concentrations Using EPA Hourly Datasets

Description of Variables

- State Code
  - FIPS state-level geographic identifier code (integer)
- Country Code
  - FIPS country-level geographic identifier code (integer)
- Site Number
  - EPA-designated site number to identify monitoring stations (integer)
- Parameter Code
  - EPA-designated code corresponding to a unique analyse (integer)
- POC
  - Parameter Occurance Code used to identify if there is more than one device measuring the same pollutant at a site (integer)
- Latitude
  - Distance north or south of equator, expressed as a (double)
- Longitude
  - Distance east or west of the meridian, expressed as a (double)
- Datum
  - Reference frame coordinate system (chr)
- Parameter Name (IMPORTANT)
  - Name of the analyte (chr)
- Date Local
  - Date in the form of "year-month-day" (chr)
- Time Local
  - Time at the monitoring site in military format "00:00" (chr)
- Date GMT
  - Date in Greenwich Mean Time (chr)
- Time GMT
  - Time in Greenwich Mean Time (chr)
- Sample Measurement (IMPORTANT)
  - Sample measurement magnitude (double)
- Units of Measure (IMPORTANT)
  - The units the sample measurement was made in (chr)
- MDL
  - Method detection limit in the units of measure (double)
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