

# Team Chromos

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# Problem Statement

Data sets from disparate sources often employ different formatting styles for the same variables. We propose the development of a tool for automatic detection of shared parameters and conversion into a common, compatible format. This tool will support a large number of commonly measured variables, including timestamps and geographical location.

# Solution

Two main capabilities:

(1) data format parsing and conversion

(2) shared parameter extraction from multiple datasets.

# #Tornado Warning Tweet's location



# List of likely column names



A word cloud of likely column names. The words are arranged in a roughly triangular shape, with 'City' at the top and 'Hour' at the bottom right. The words are in various shades of gray and brown, with some words being larger and bolder than others. The words include: City, State, Location, Hotel, Conference, Person, Place, Time, Instrument, Altitude, Vehicle, Amount, Currency, Date, Name, and Hour.

City  
State Location Hotel  
Conference Person Place  
Time Instrument  
Altitude Vehicle  
Amount Currency  
Date Name Hour