**Project Title**: How much do we know about Meteorite Landing on Earth? - Data Comparison from NASA and Newspaper -

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**Identify Data Sources**

Meteorite Landings API from NASA, Data.Gov

NYT API and other newspapers API,

Other News Search Engines

**Research Questions to Answer**:

1) Comparison among Years with Year data

2) Look at landing locations with GeoLocation (Latitude & Longitude) – which region had more meteorites?

3) Mass (size of meteorite) – any size, time, location relationship?

4) New York Times articles – how many landings were covered by newspaper?

**Project Description/Outline (Define Strategy and Metrics):**

We will explore data from Meteorite Landings API from NASA, Data.Gov., and NYT API to examine how many meteorites were landed on earth since 1800. First, we will collect data of landing locations (latitude and longitude), size of meteorites (mass), and date of landings. Then, we will analyze data of landing dates by yearly categories (1800, 1900, 2000 etc.) to examine any time effects on the total number of meteorite landings on earth. We also compare the total number of meteorite landings among different regions to examine regional differences. For example, higher latitude region might have more landings. We use the size of meteorite data to understand any relationships between the size of meteorites and locations.

Describe the Data Products Your Project Will Produce

Rough Breakdown of Tasks:

Seidi, Yukie – NASA API

Jess, Jayson – Newspaper articles

Jayson (and Seidi and Yukie) – look into newspaper article search