**Zodiac Compatibility Report**

This is a fun project. It compares the zodiac signs and checks how compatible they are with each other. I got the dataset from Kaggle and decided to work on it. Most of the work was done on python using **numpy**, **pandas** and **matplotlib** libraries.

**The Dataset**

The dataset was gotten from Kaggle. The original dataset has 144 rows and 2 columns. The ‘Zodiac\_combination’ column is a pair of two signs and the ‘Compatibility\_rate’ is the rate of compatibility between the two pair of signs represented in the Zodiac\_combination column.

**Data Cleaning and Standardization**

1. The Zodiac\_combination column was split into 2 columns zx, zy.
2. The Zodiac\_combination was dropped
3. A new column IsCompatible was created as a Boolean column to indicate True or False if the signs are compatible

**Exploratory Data Analysis**

1. The Compatibility Chart – This is a 12 chart subplot comparing individual signs with the others
2. The Comparison Chart - This is a 2 chart subplot that shows the Compatibility Rate and the Non Compatibility Rate

**Final Report**

* Gemini, Libra, Capricorn and Pisces are the most compatible signs
* Leo, Aquarius, Sagittarius and Cancer are the least compatible sign