Planets

Vincent Huerta

Planets Dataset

Catalog of exoplanets discovered by Nasa

https://exoplanets.nasa.gov/exoplanet-catalog/

Description (as many)

- Method
- Number
- Orbital Period
- Mass
- Distance
- Year

Description (as many)

Method

- This is the method in which the planets were discovered, or which technology was used to identify the planets.

Number

- From what I can gather, this is the type of planet the exoplanets are classified as:
- Terrestrial
- Super Earth
- Unknown
- Neptune-like
- Gas Giant

Description (as many)

Orbital Period

- Orbital Period is a fancy way of saying days in a year. How long it takes for the planet to make a full revolution around the earth.

Mass

Terrestrials, Super Earths, and Neptune-likes are all measured in Earths.

Gas giants are measured in Jupiters.

Description (as many)

Distance

- How far the planet is measured in parsecs from Earth.

Year

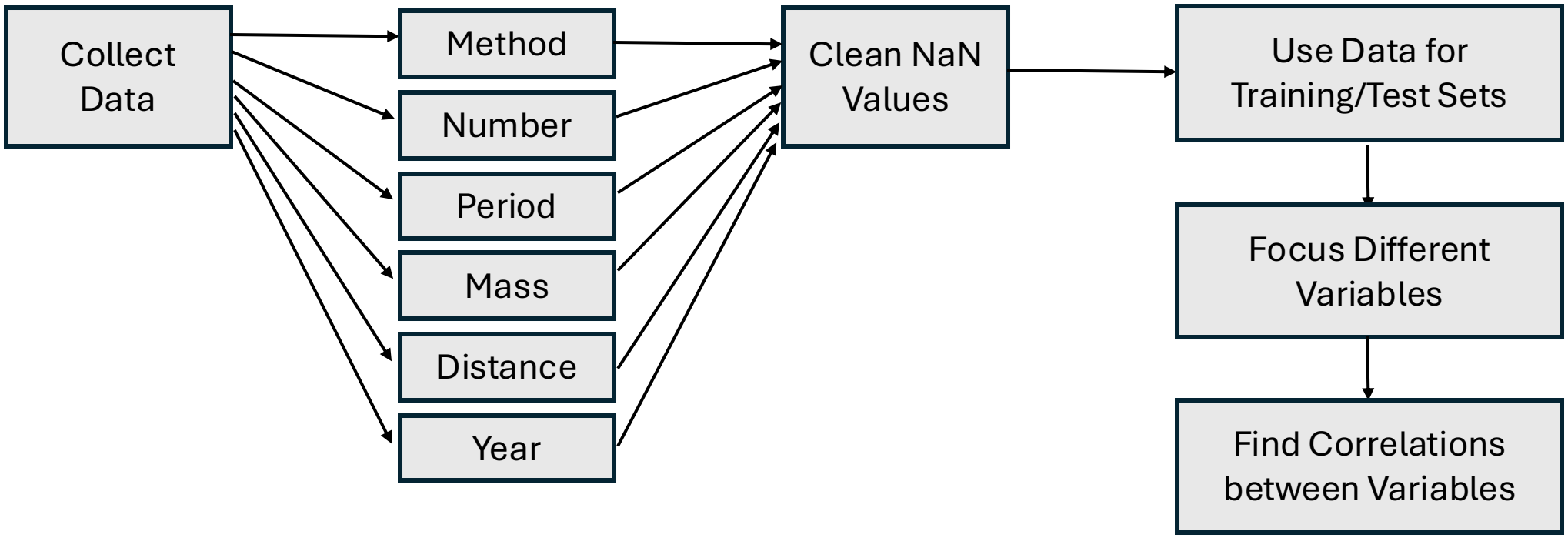
- The year in which the planet was discovered.

MLS Well Defined Problem

- How can we discover more planets?

The main use case for this dataset would be simply to collect information, then as technologies advance in the future use the information for whatever needs arise.

MLS Sketch


Collect Data
Method
Number
Period
Mass
Distance
Year
Clean NaN Values
Use Data for Training/Test Sets
Focus Different Variables
Find Correlations between Variables

Screenshot of loaded data