The Scientific Method

Observations

Simplicity

Predictions
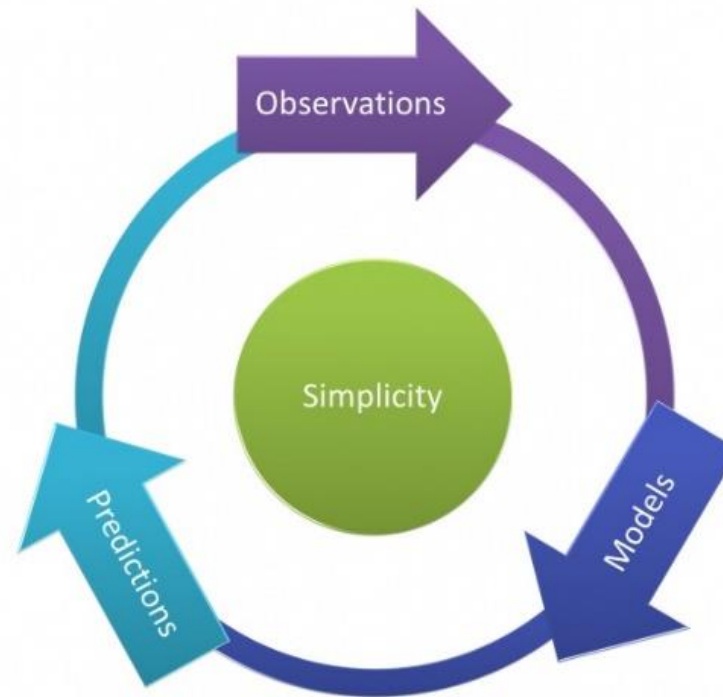
Models

- Begin with a set of observations.
- Create a model to explain the observations.
- Make testable predictions using the model.
- Compare the predictions to new observations.
- Use the comparison to assess and modify the model.
- Repeat as required.

Simplicity selects one preferred model from the many possible models that describe any set of observations.

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