

## Dataset Establishment

### Ocean pH (Hawaii)

Variable Name	Variable Type	Description	Potential Responses
time	datetime	Datetime when measurement was taken	1988-10-01
Hawaii pH	float64	Measured pH	8.1097

### CO2 Absorbed in Ocean (Hawaii)

Variable Name	Variable Type	Description	Potential Responses
time	datetime	Datetime when measurement was taken	1988-10-01
Hawaii pCO2	float64	Measured CO2 absorption	330.9

### Ocean Surface Temperature (Hawaii)

Variable Name	Variable Type	Description	Potential Responses
time	datetime	Datetime when measurement was taken	1900-01-15
Ocean Surface Temperature (C)	float64	Measured temperature in celsius	23.71

### Surface Temperature (Global)

Variable Name	Variable Type	Description	Potential Responses
time	datetime	Datetime when measurement was taken	1850-01-01
Global Temperature Anomaly (C)	float64	Measured temperature anomaly in celsius	-.17

### Volcano Eruptions (Global)

Variable Name	Variable Type	Description	Potential Responses
time	datetime	Datetime when measurement was taken	1985-01-01
Eruptions	float64	Number of global eruptions	60

### Plankton Population (Hawaii)

Variable Name	Variable Type	Description	Potential Responses
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time	datetime	Datetime when measurement was taken	2003-01-15
Chlorophyll Levels (mg-C/m2/day)	float64	Measured chlorophyll levels	469.14