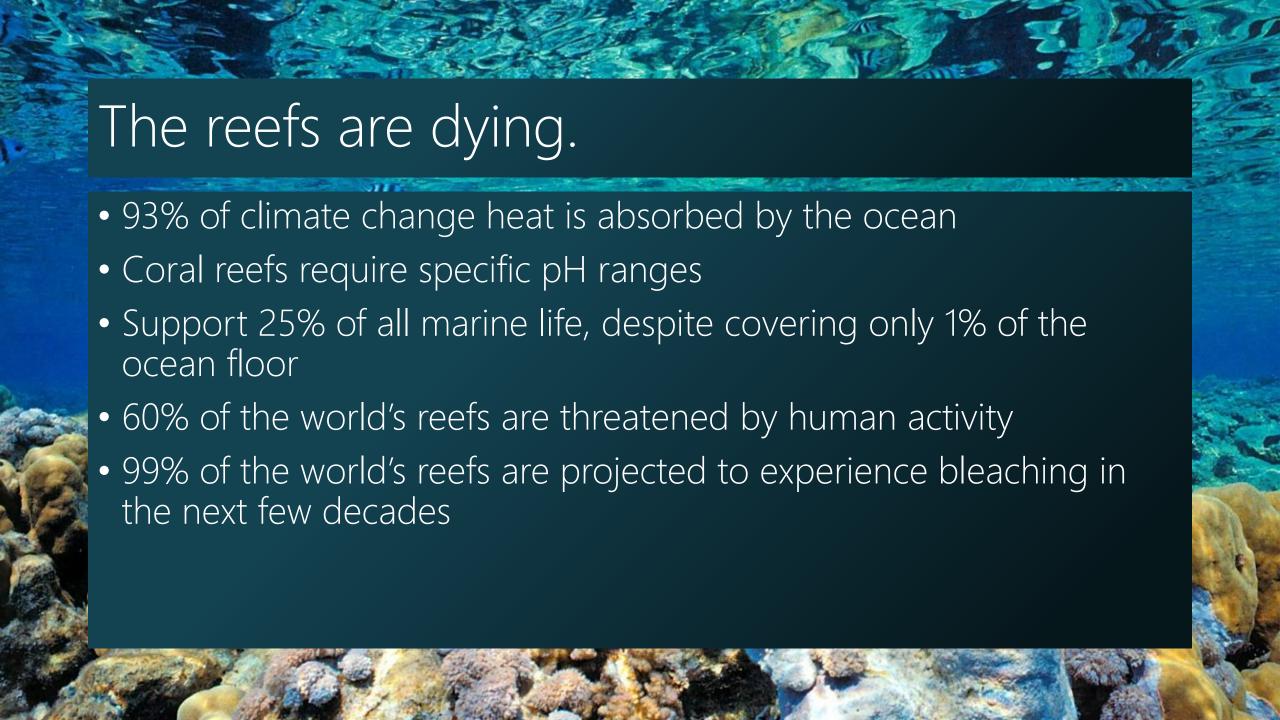


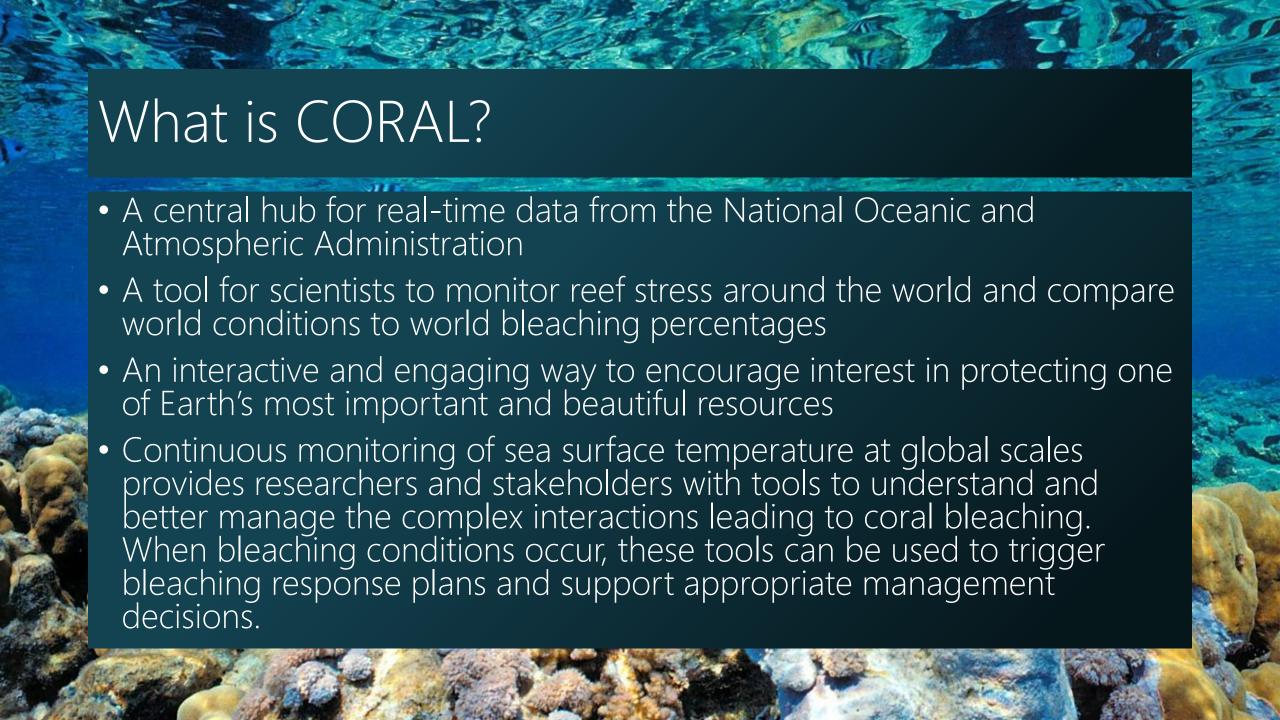
## What are coral?

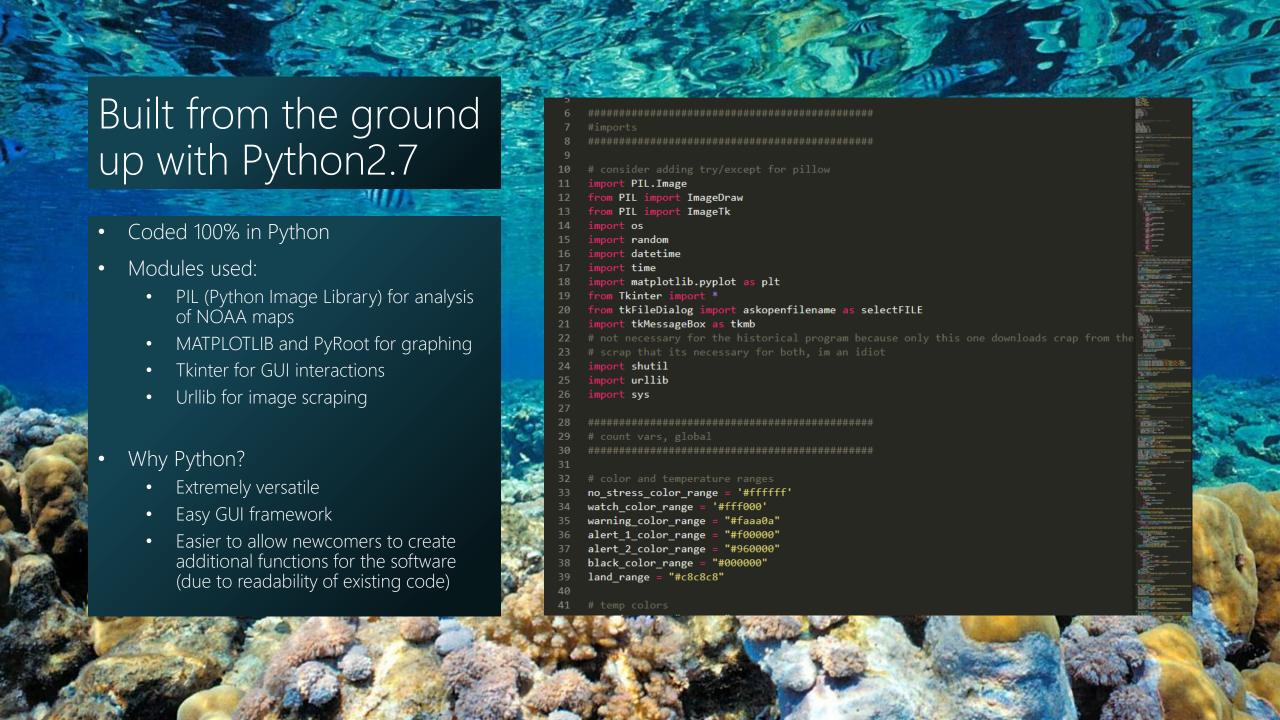
- A living creature—thousands of colonies of tiny coral polyps calcifying limestone to form hard outer shells, closely related to jellyfish
- Home to 25% of the world's marine life
- Helps direct the course of evolution in the ocean
- Coral reef plants and animals are important sources of new medicines being developed to treat cancer, arthritis, human bacterial infections, Alzheimer's disease, heart disease, viruses, and other diseases. (Source: NOAA)



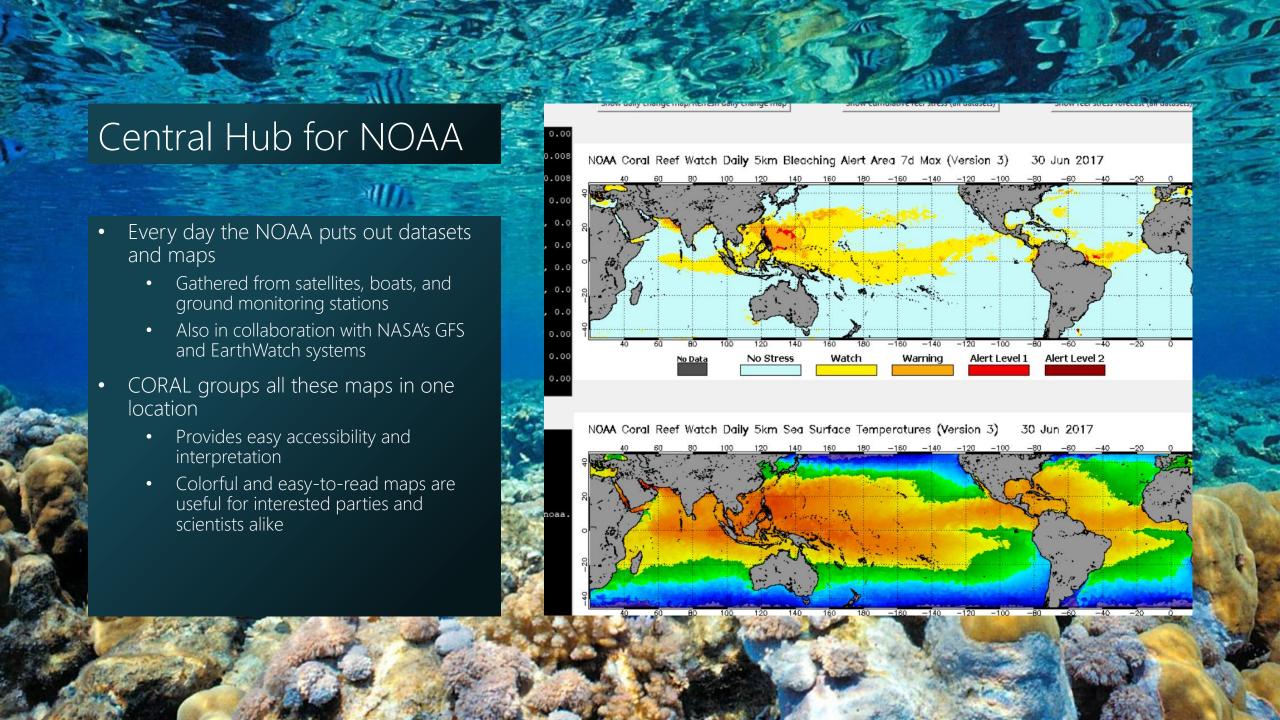


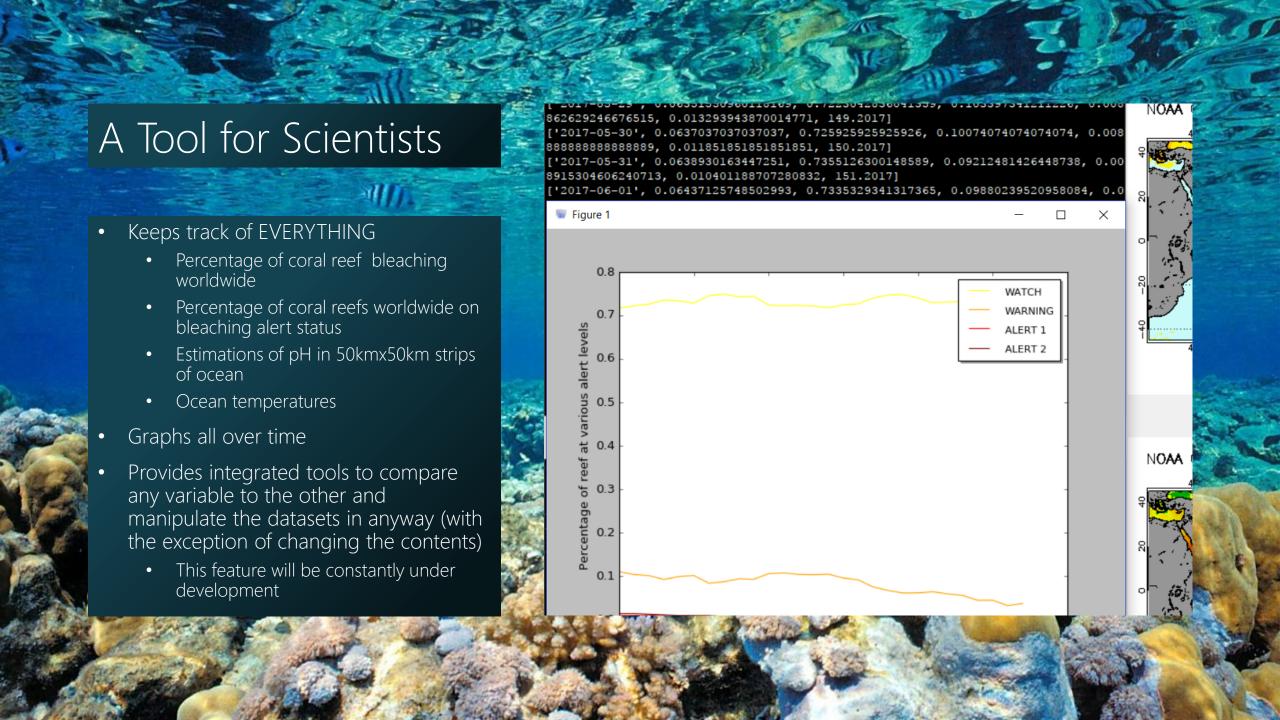


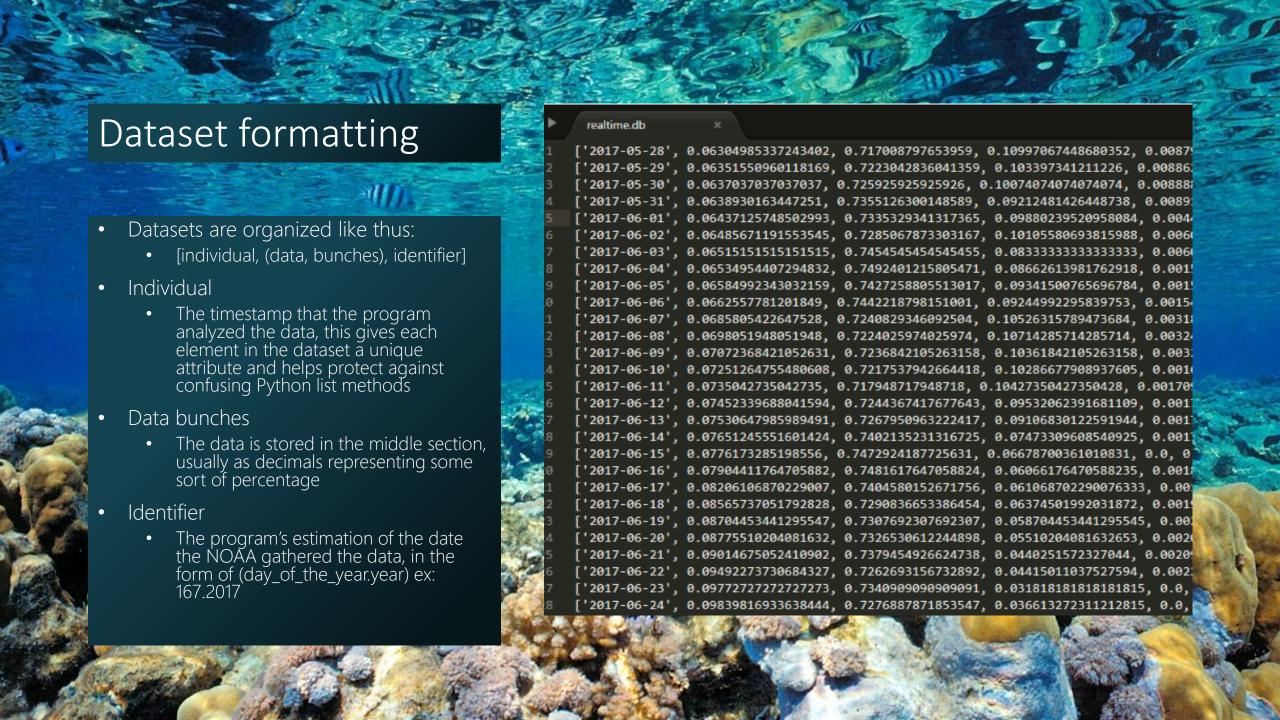


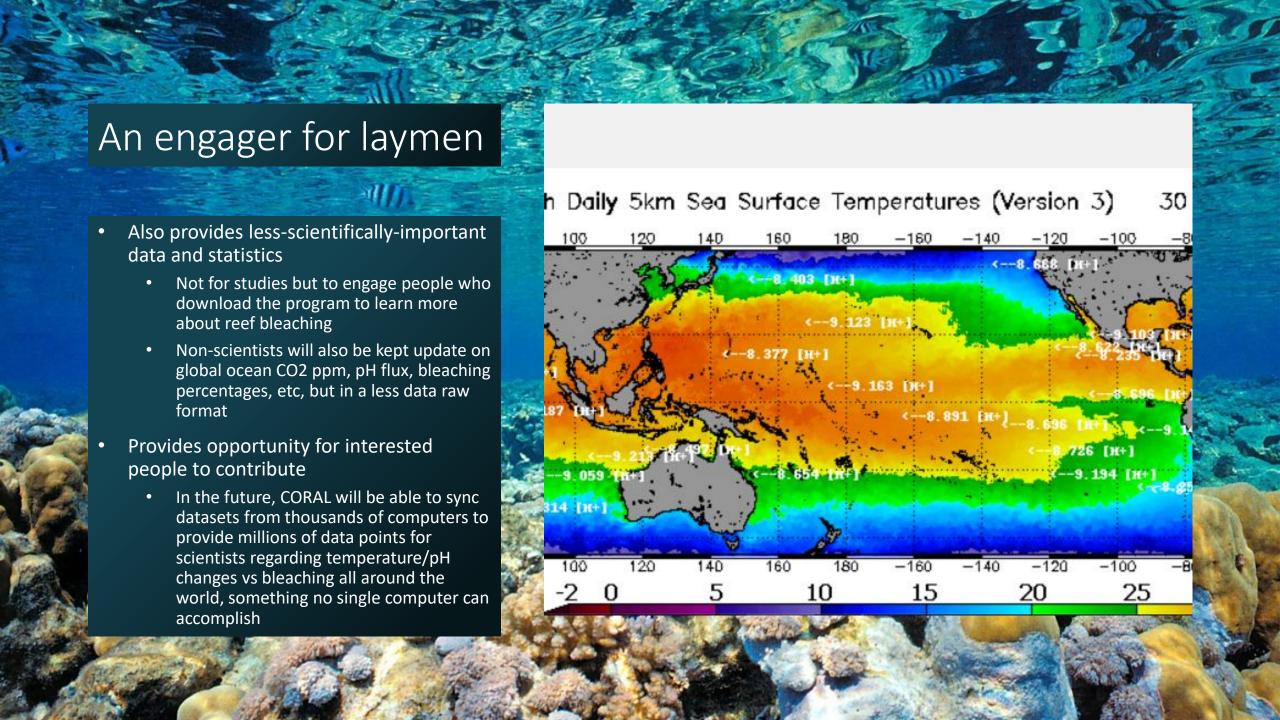














- Easier interface to graph multiple variables side-by-side
- Integration of thousands of pH data points into one master dataset
- Better integration with pyROOT
- Provide on-tap explanations for maps
- Use machine—learning and TensorFlow to improve predictions of coral reef bleaching
- Improve UI
  - UI sometimes realigns when new maps are loaded

