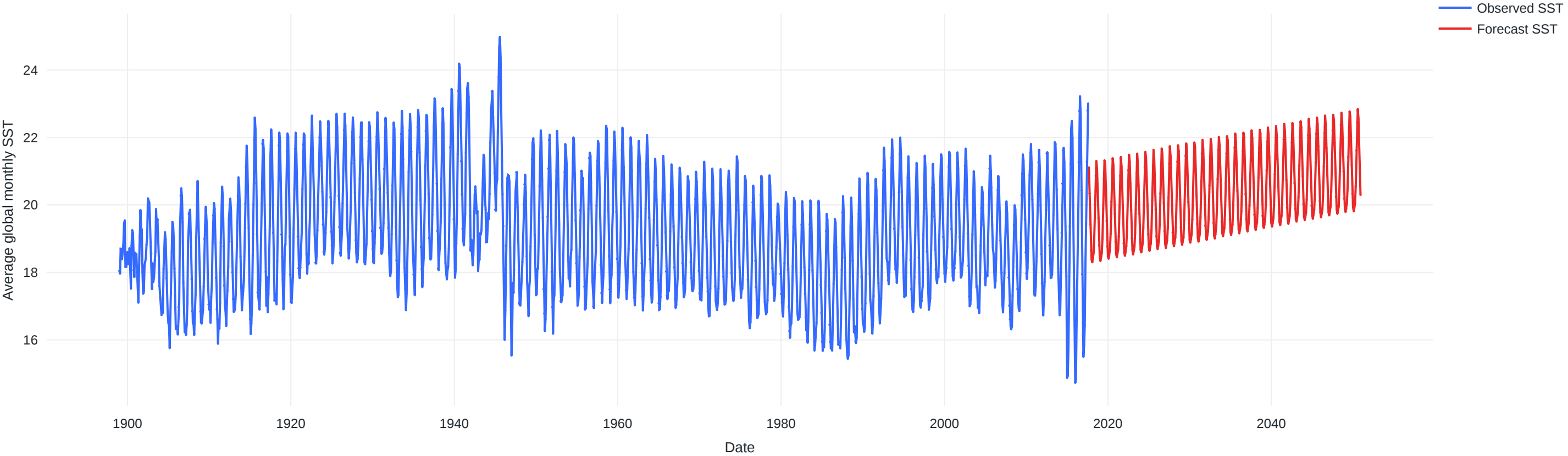


NOAA ICOADS Forecasting

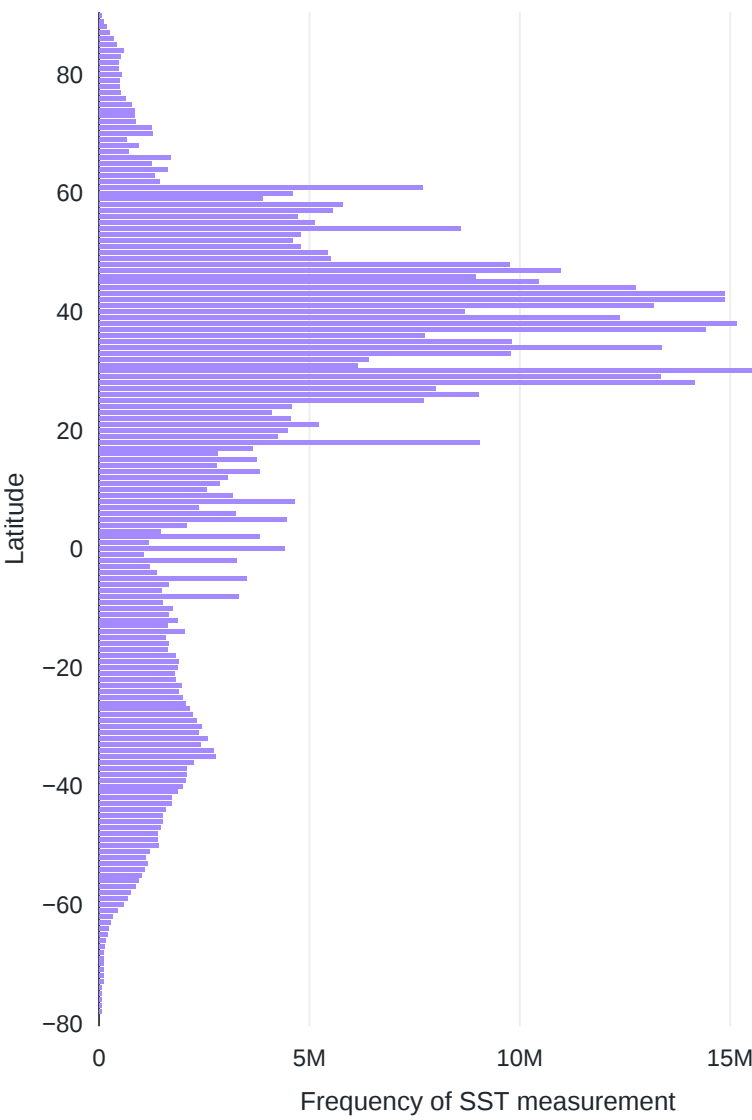
Global average monthly SST - Observed data V.S. Forecast data
A look at how observed and forecast global average monthly sea surface temperature compare.



Sea surface temperature forecasting

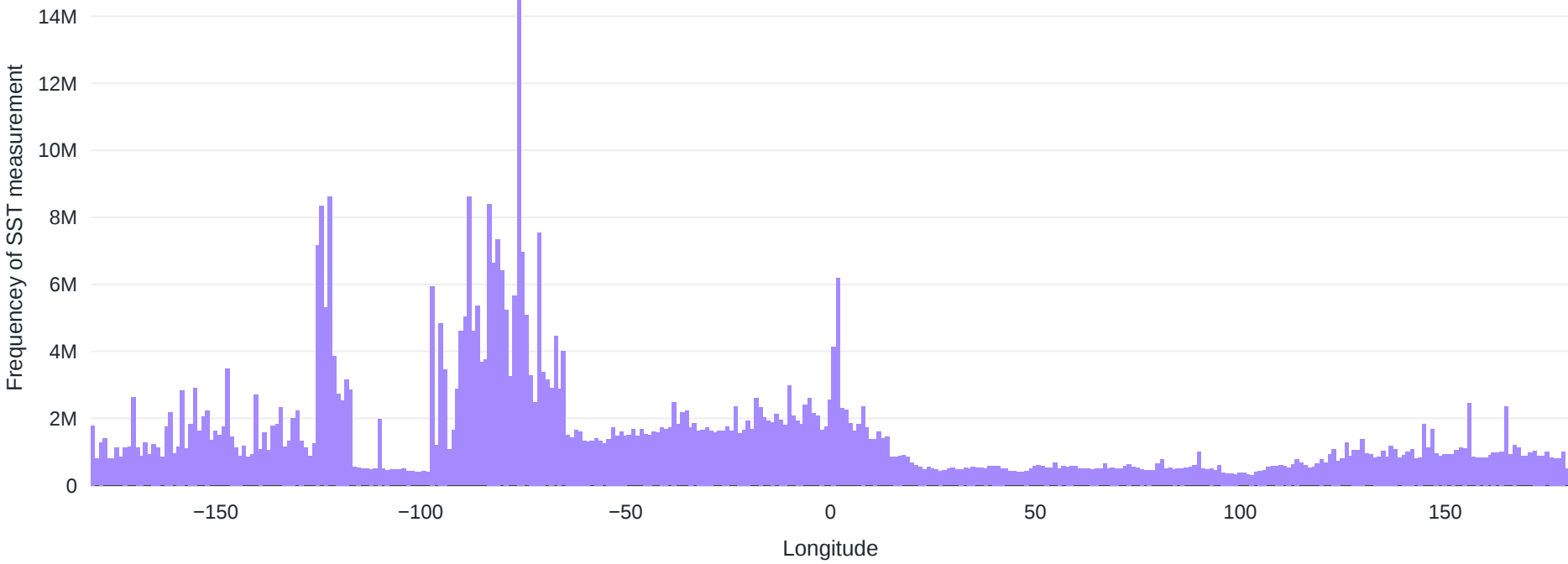
The above graphic demonstrates the data used to train the prophet models in blue as well as the forecast data generated from said model in red. To the left, a graph of the ocean coverage of sea surface temperature measurements is shown. Below, in purple, a geographic analysis of the training data is done and in orange a time analysis of the training data is done.

Distribution of measurements through latitudes
Total amount of measurement taken at each latitude.



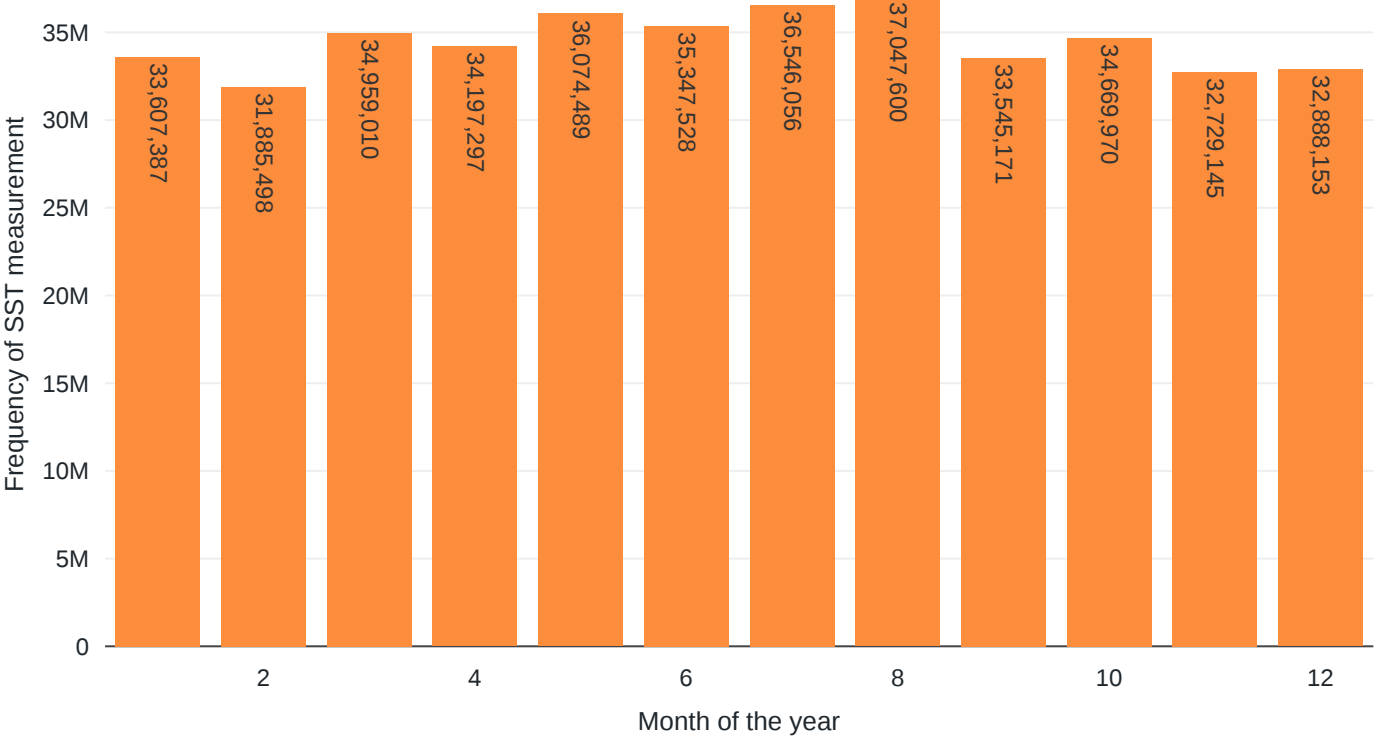
Geographic analysis

Distribution of measurements through longitudes
Total amount of measurements taken at each longitude.



Time analysis

Distribution of measurements through the months of the year
Total amount of measurements done each month of the year.



Distribution of measurements through the years
Total amount of measurement done each year, starting in 1850.

