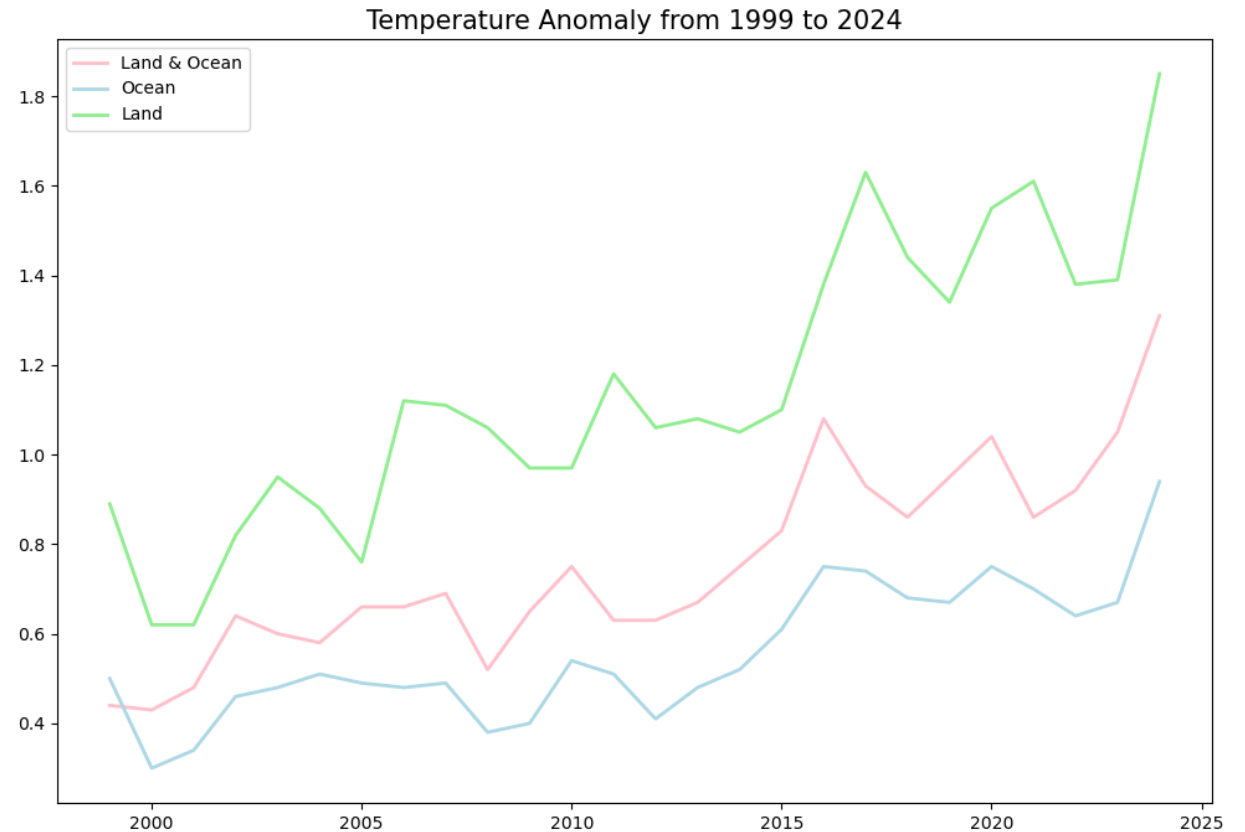


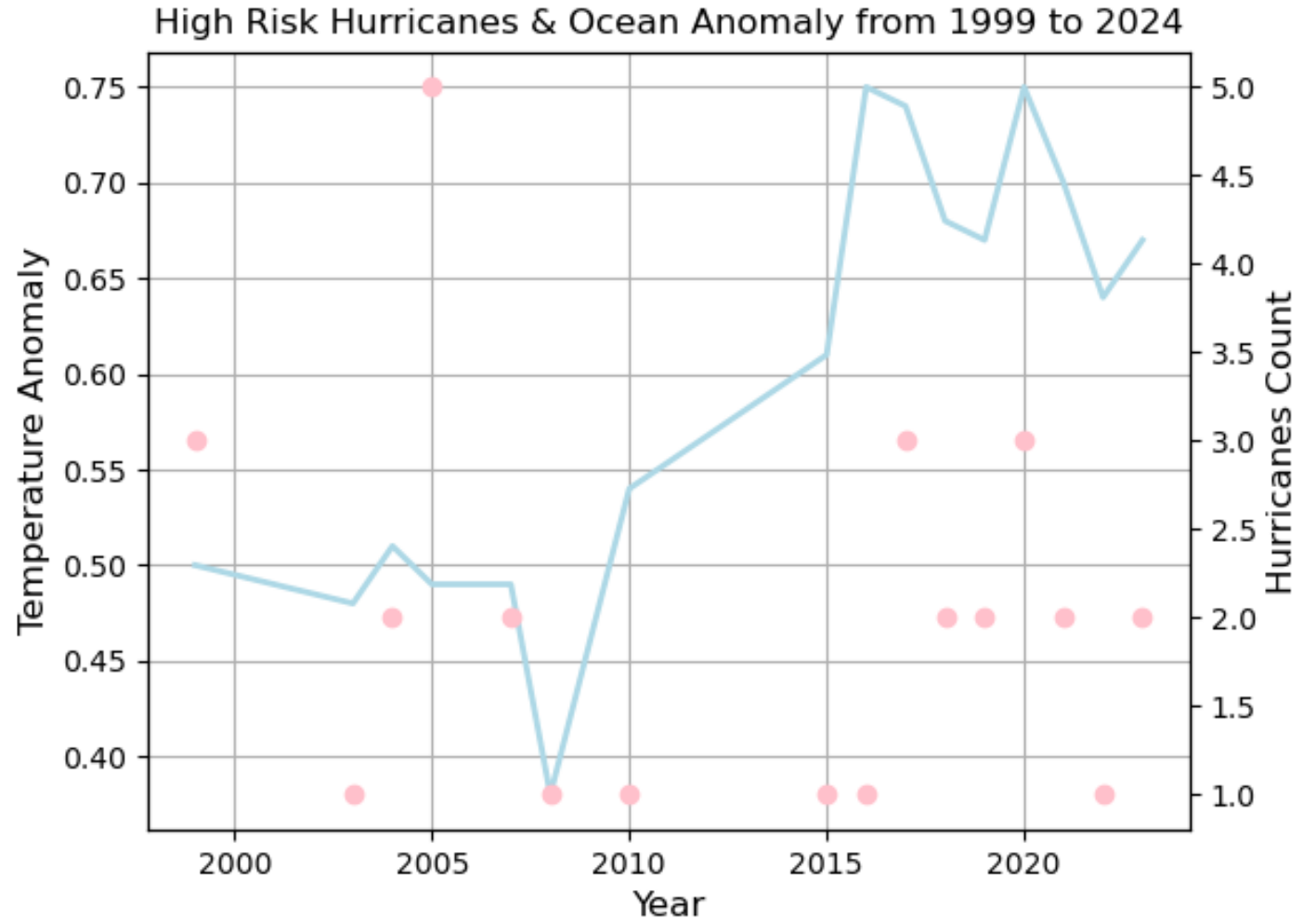
# What Is The Effect Of The Earth's Temperature on Cyclonic Storms?

- Anomaly: Change from 30 years average
- Earth's temperature is getting warmer in past 25 years.
- Both Land and Ocean temperatures are getting warmer.



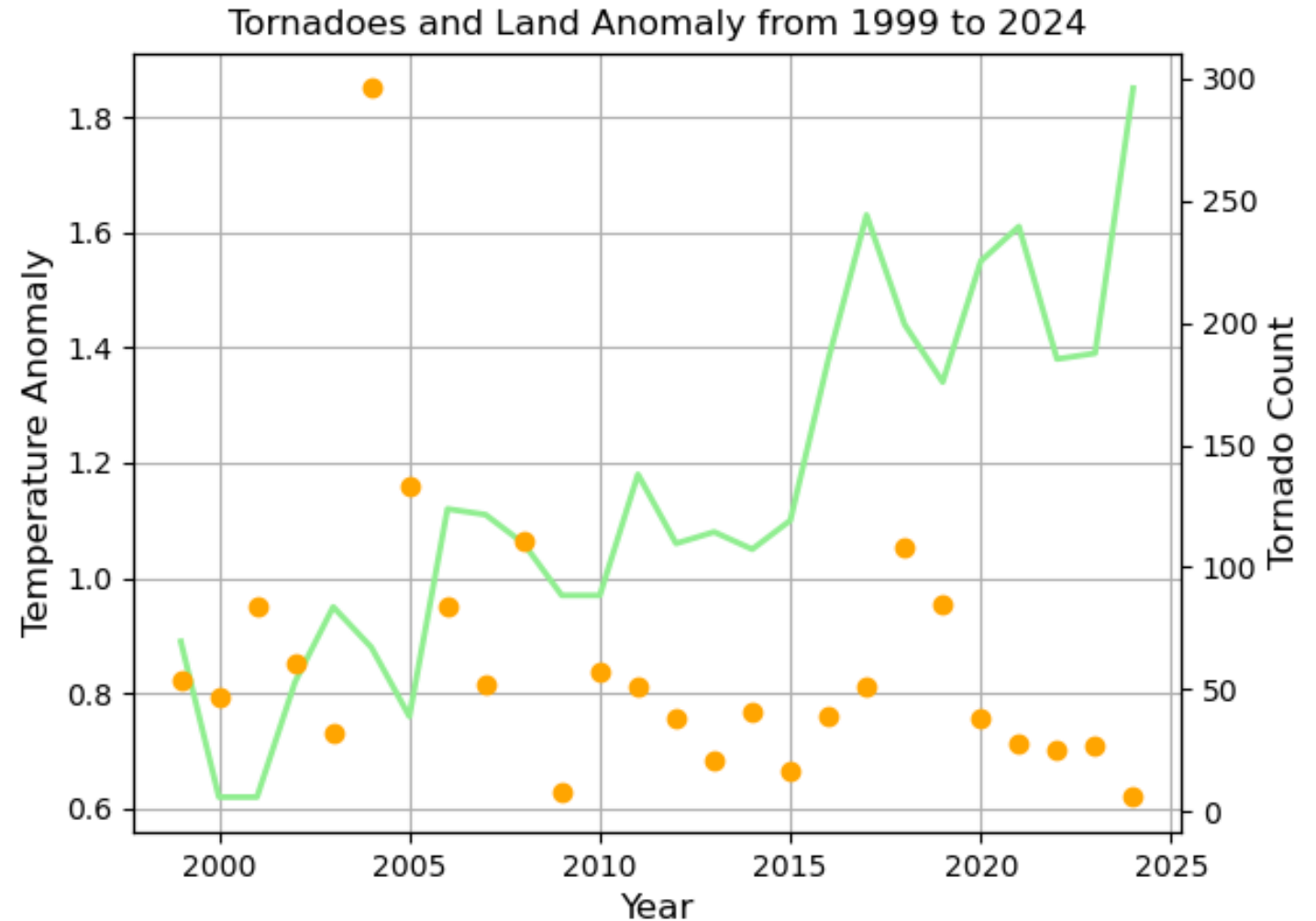
# Hurricanes

- Because of the warmer temperatures, there are more hurricanes developed over time.
- High risk hurricanes (category 3 or higher) are developed more often since 2015.



# Tornadoes

- With rapid temperature changes, more tornadoes are created due to warmer air.
- In 2004, 296 tornadoes were created when the temperature changed drastically.



# Speaker notes

- I located all data sources from National Oceanic and Atmospheric Administration.
- I used pandas and numpy packages to extract and transform the unstructured data sets.
- I used matplotlib and seaborn package to create data visualizations to display the effect of earth's temperature.