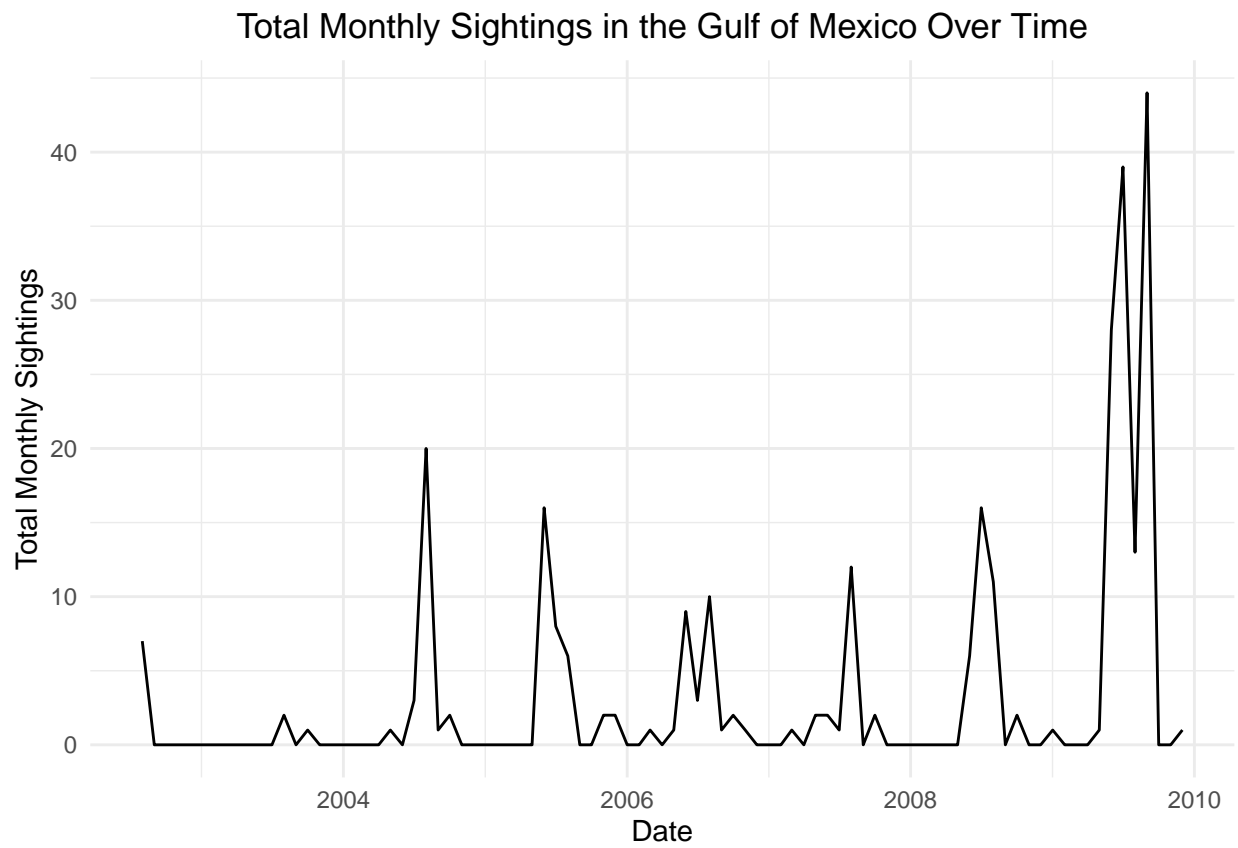
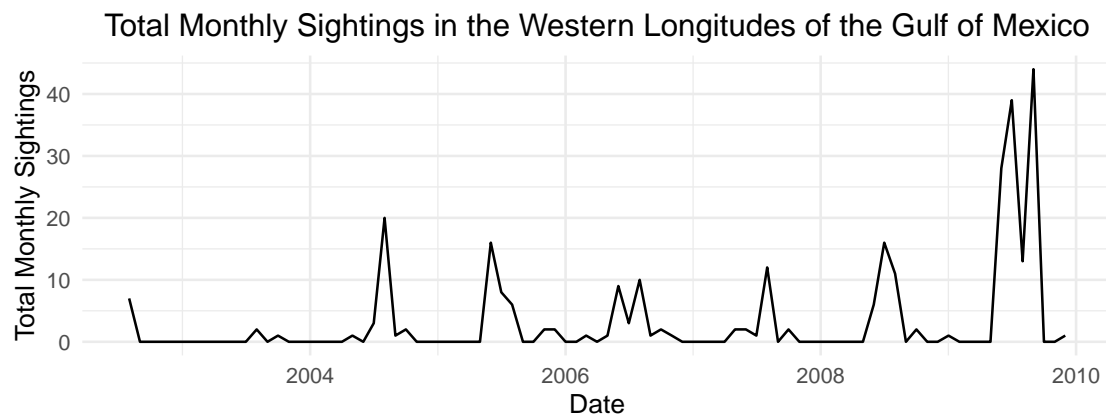
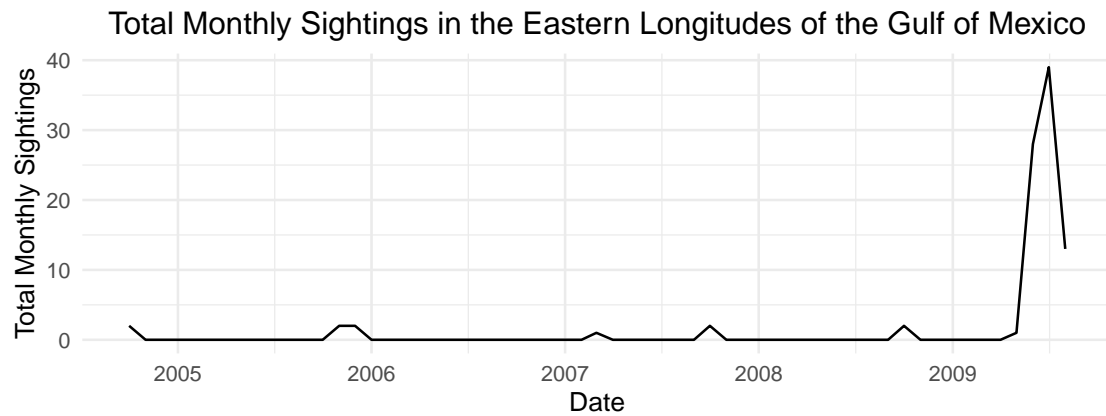
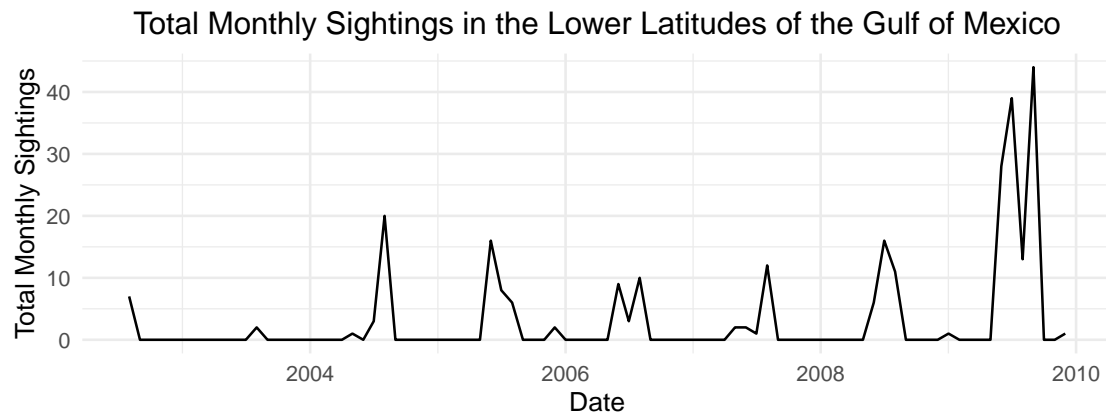
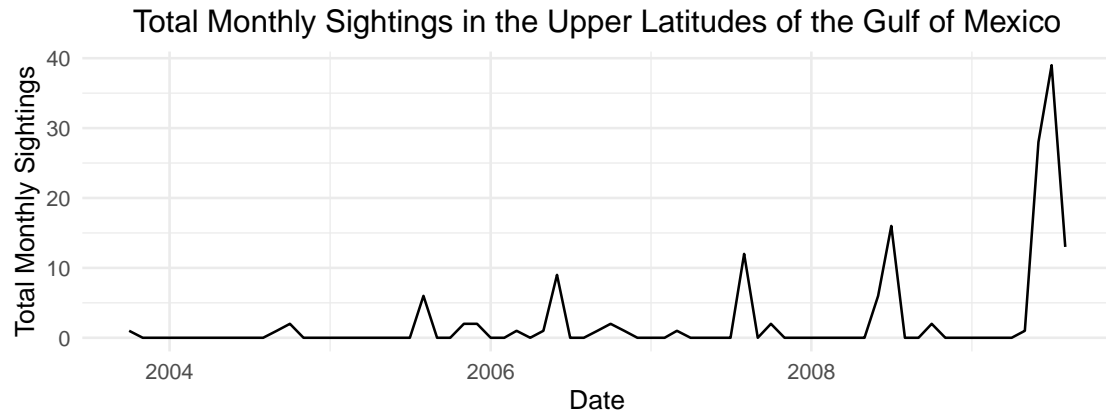


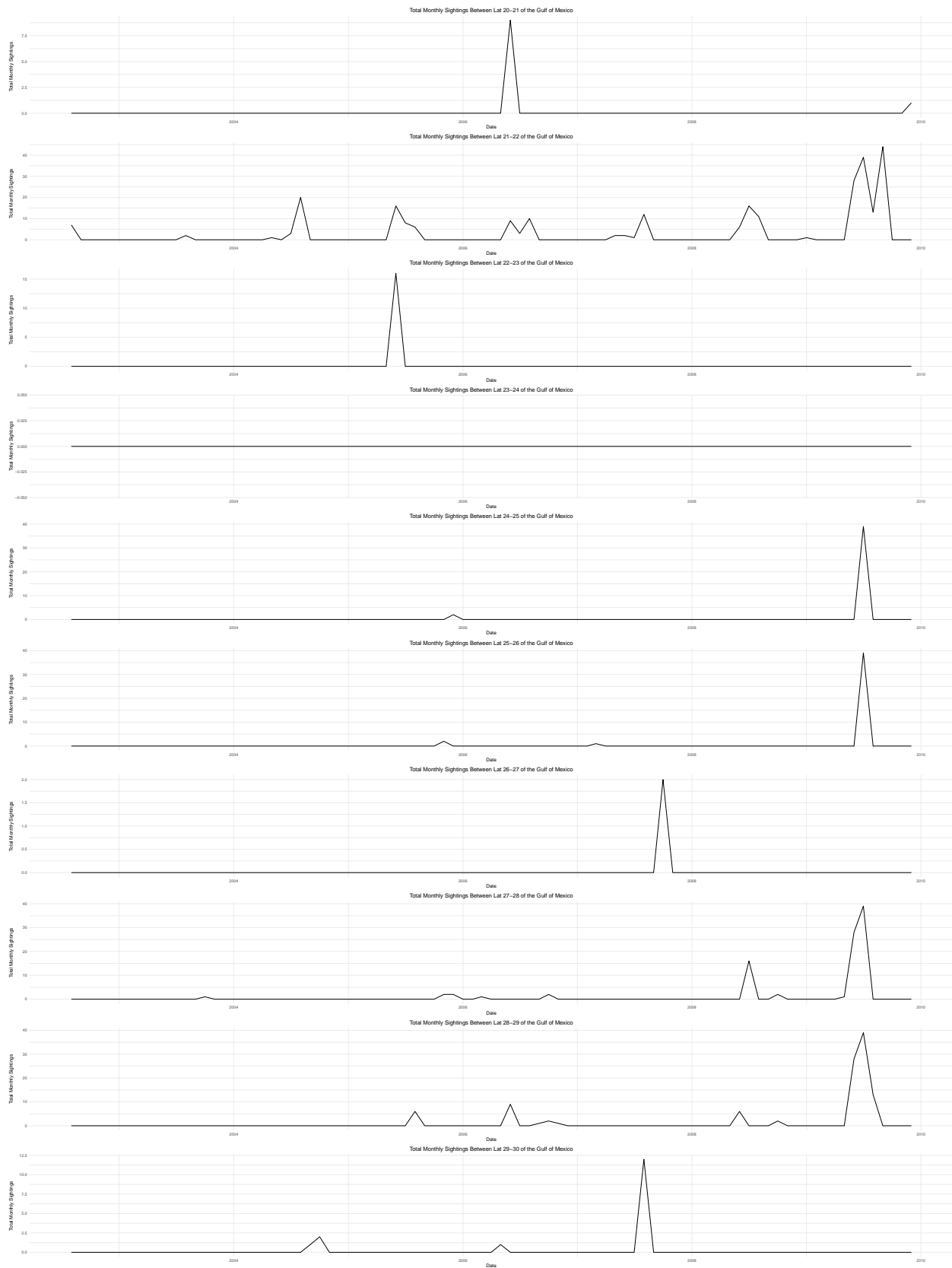
FinalProject_Ana

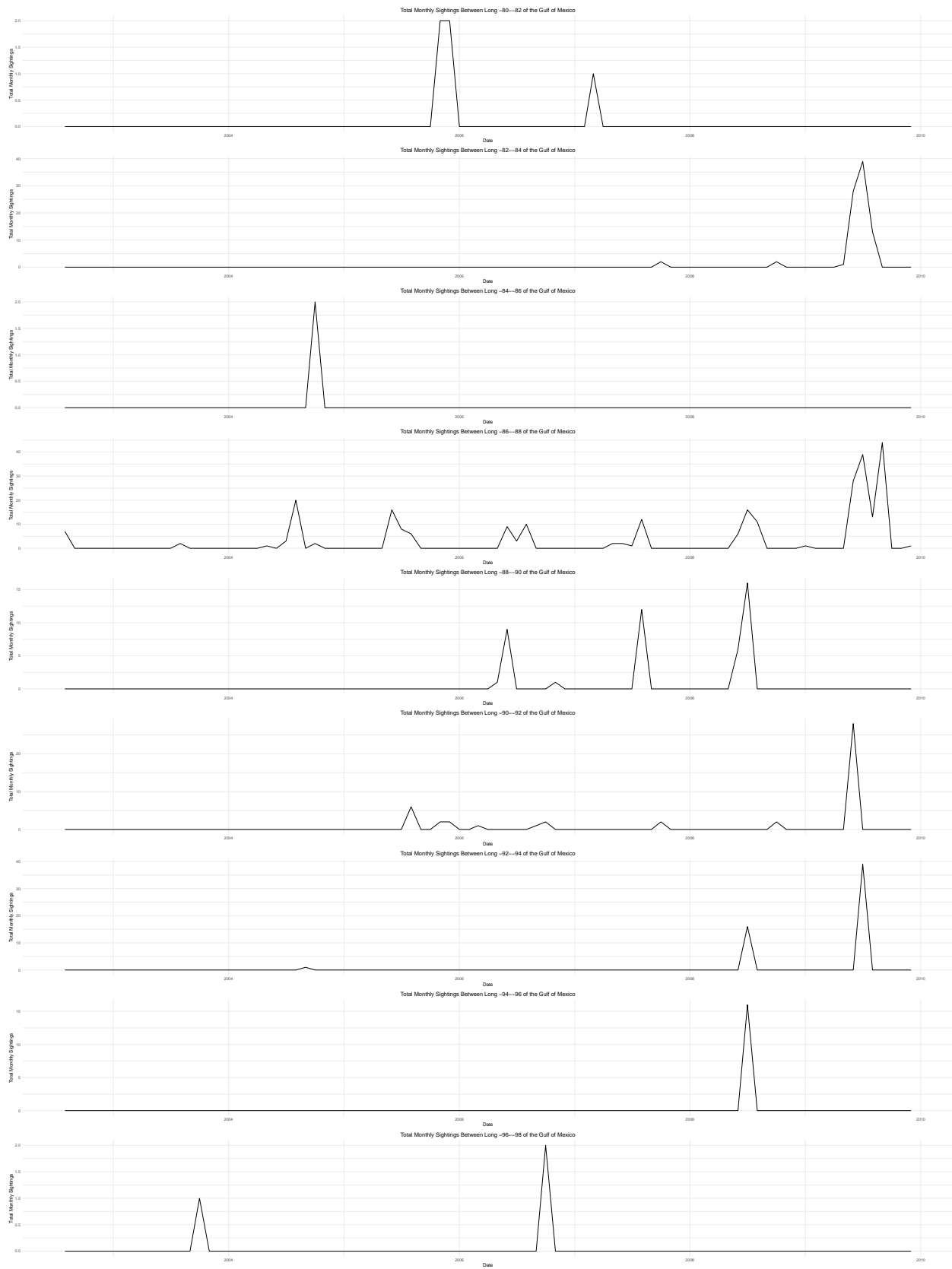
Ana Bishop

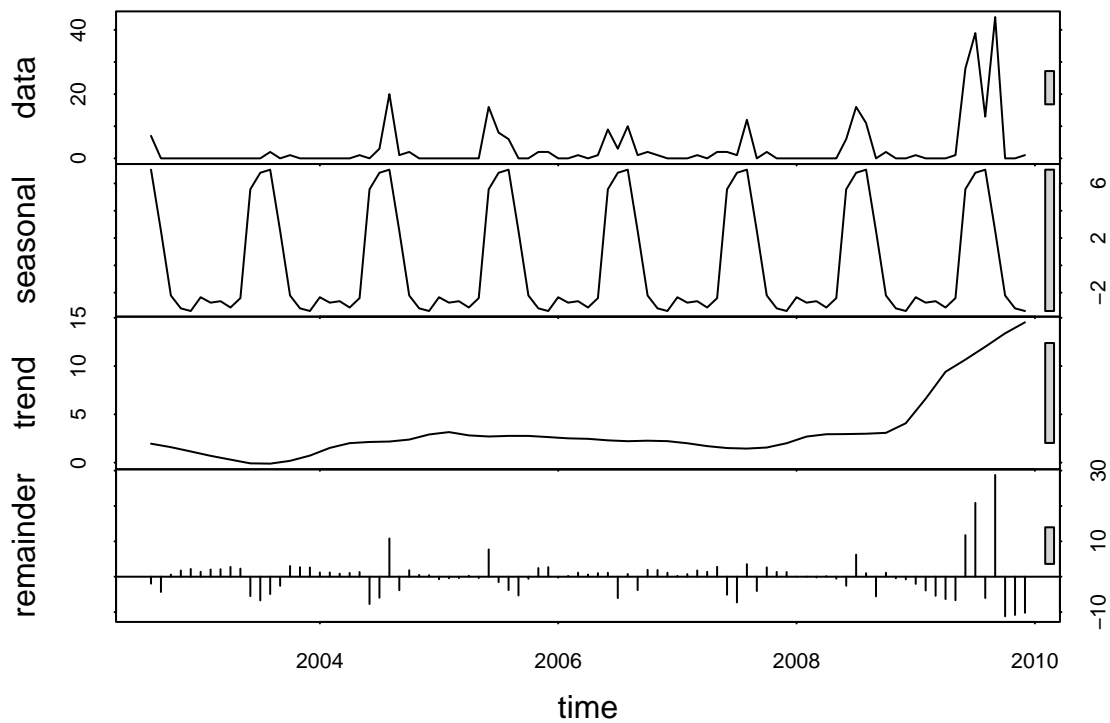
2023-05-01







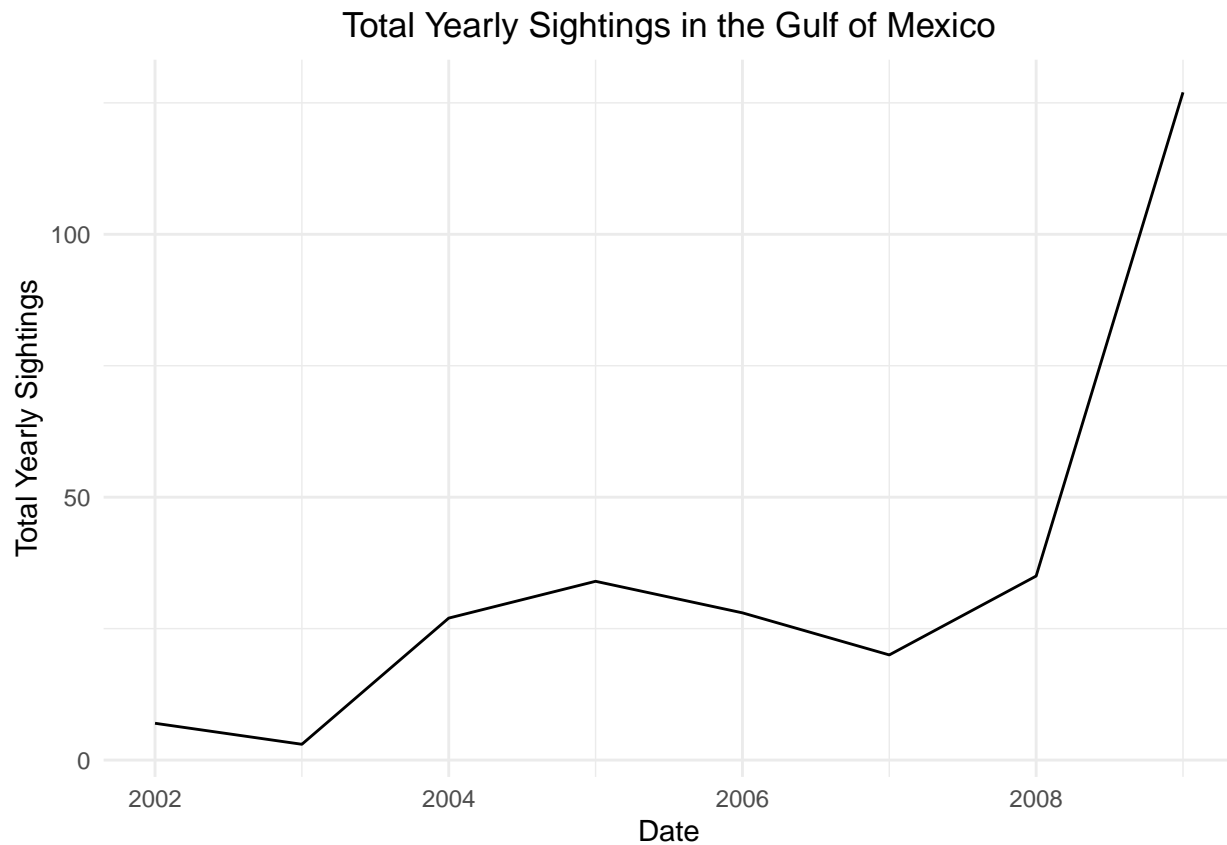




```
## WARNING: Error exit, tauk2. IFAULT = 12
## WARNING: Error exit, tauk2. IFAULT = 12
```

```
## tau = 0.322, 2-sided pvalue =0.0017759
```

```
## Score = 63 , Var(Score) = 406.3333
## denominator = 195.4925
## tau = 0.322, 2-sided pvalue =0.0017759
```



```
## tau = 0.429, 2-sided pvalue =0.17355
```

```
## Score = 12 , Var(Score) = 65.33334
## denominator = 28
## tau = 0.429, 2-sided pvalue =0.17355
```

```
##
## Call:
## lm(formula = year ~ total_sightings, data = yearly_sightings)
##
## Coefficients:
##      (Intercept)  total_sightings
##      2.004e+03      4.585e-02
```

```
##
## Call:
## lm(formula = year ~ total_sightings, data = yearly_sightings)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -2.2105 -1.0522 -0.5804  1.1684  2.5057
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  2.004e+03  8.899e-01 2251.767  <2e-16 ***
```

```
## total_sightings 4.585e-02 1.759e-02 2.607 0.0403 *
## ---
## Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.812 on 6 degrees of freedom
## Multiple R-squared: 0.5311, Adjusted R-squared: 0.4529
## F-statistic: 6.796 on 1 and 6 DF, p-value: 0.04029

## tau = 0.384, 2-sided pvalue =0.0041013
```