



NASA Space Weather Data Analysis

27.78%

Precision_C_Class

15.15%

Recall_C_Class

19.61%

F1_C_Class

79.42%

Overall_Accuracy

85.77%

Precision_M_Class

91.29%

Recall_M_Class

88.44%

F1_M_Class

8.33%

Precision_X_Class

7.14%

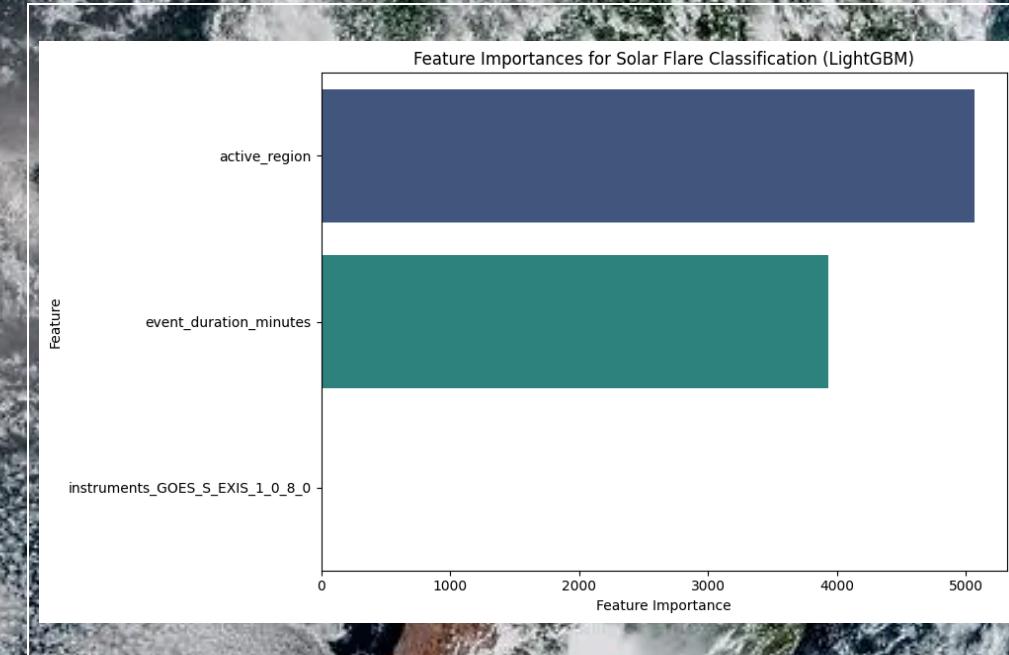
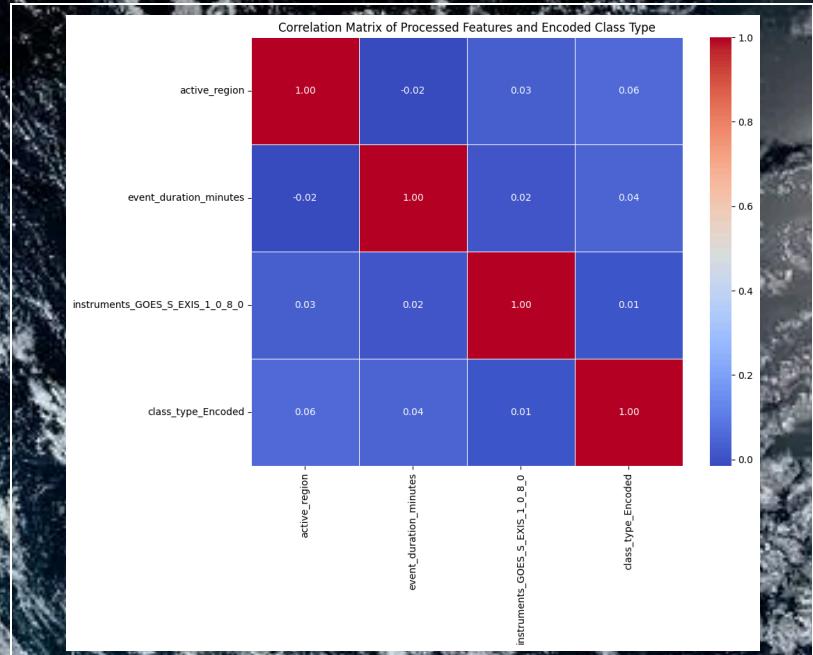
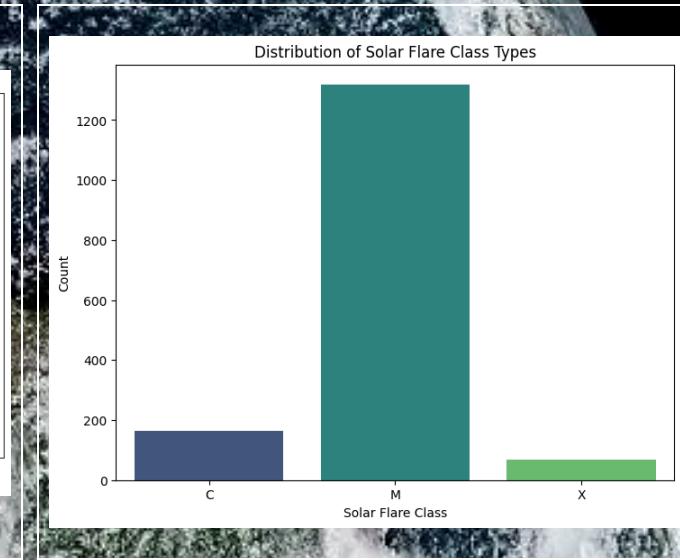
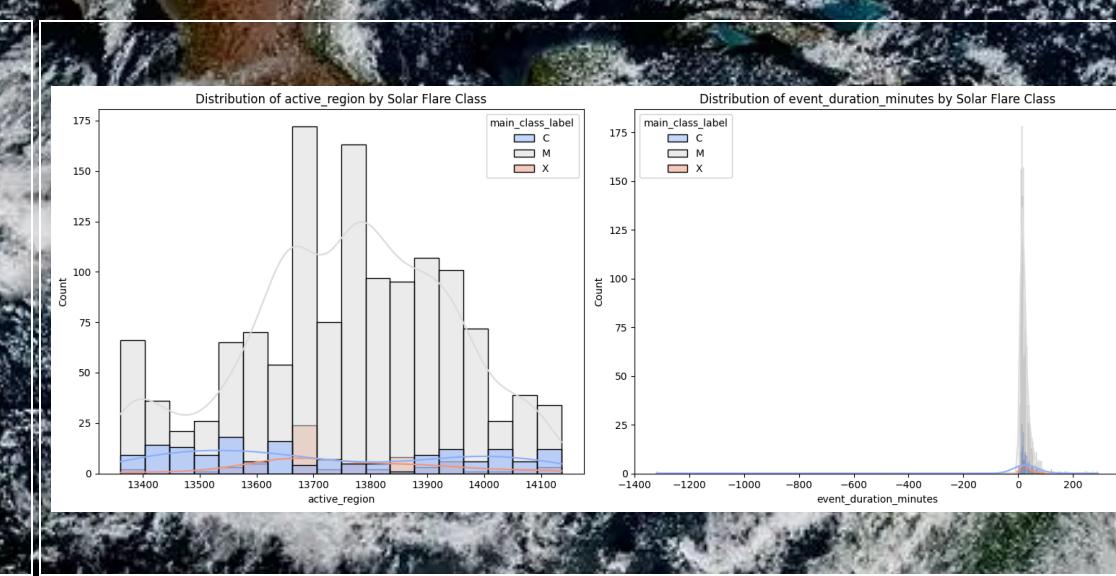
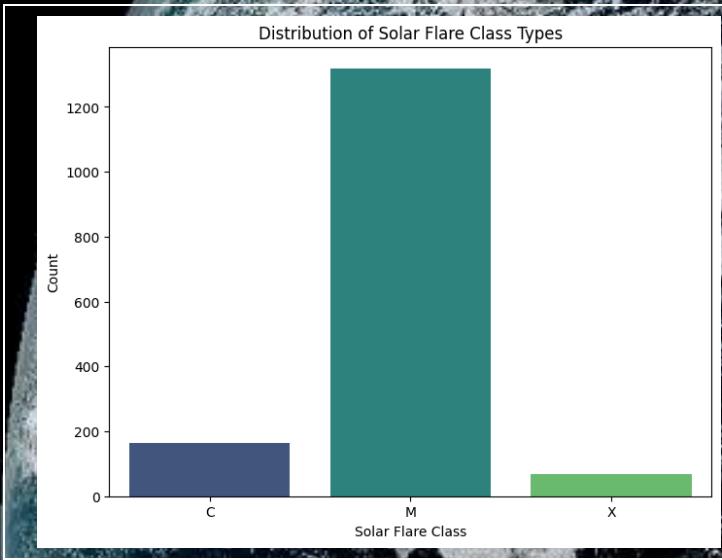
Recall_X_Class

7.69%

F1_X_Class

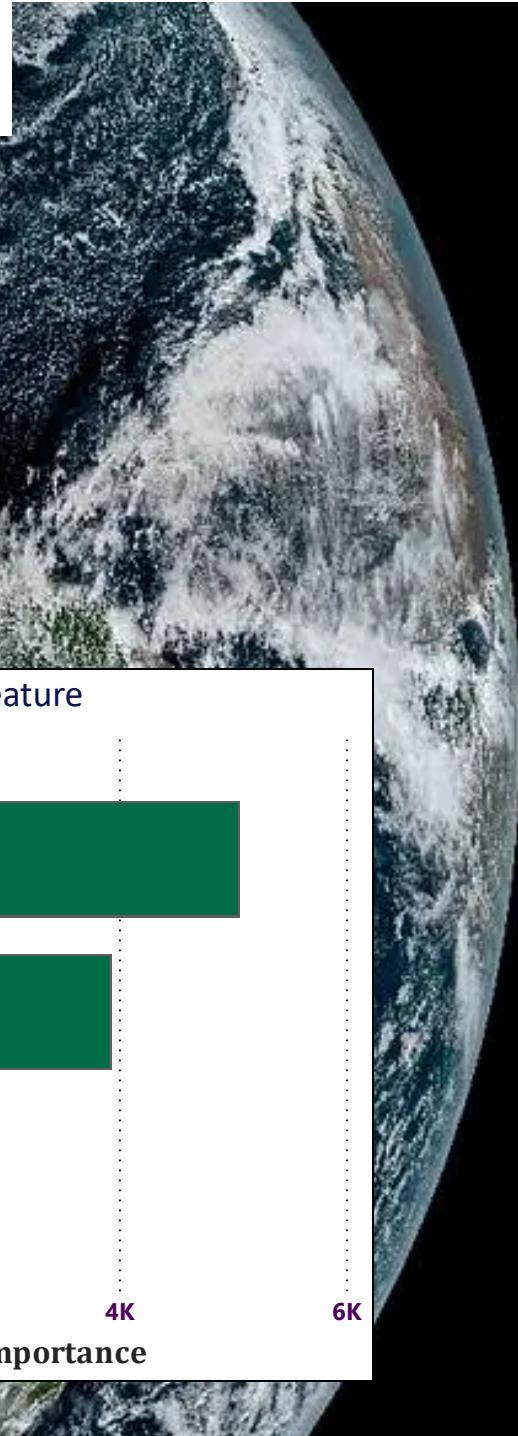


Solar Flare Classification Performance & Insights Plots





Solar Flare Classification Performance & Insights Plots



| Actual_Class | C | M | X | Total |
|--------------|---|---|---|-------|
| C | 1 | 1 | 1 | 1 |
| M | 1 | 1 | 1 | 1 |
| X | | 1 | 1 | 1 |
| Total | 2 | 3 | 3 | 3 |

