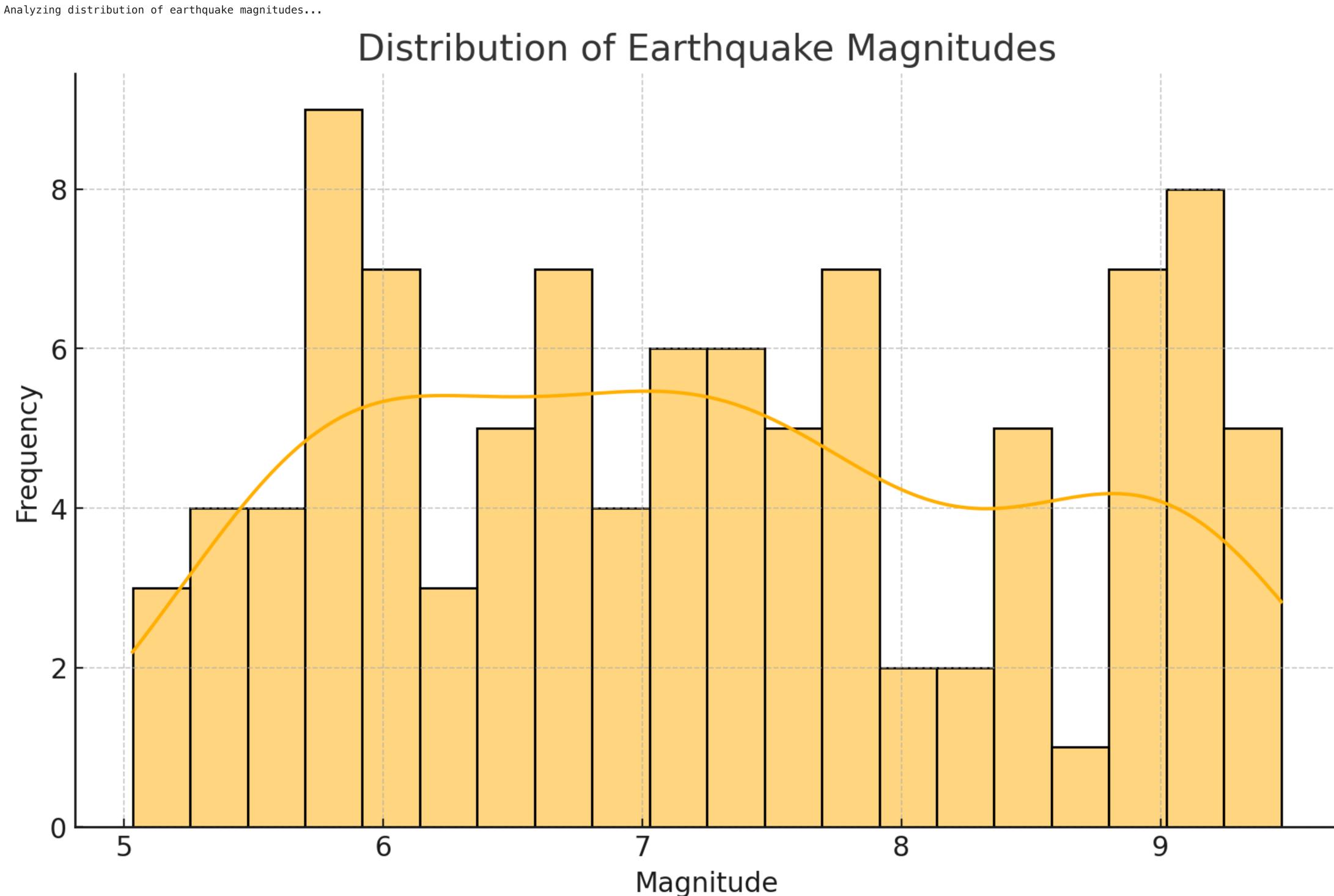
if __name__ == "__main__": main() Welcome to the Earthquake Analysis and Visualization Project! This project aims to analyze historical earthquake data, understand patterns, and visualize the impact of earthquakes across the globe. Analyzing the worst earthquakes in history... Top 10 worst earthquakes by magnitude: Date Location Magnitude Death Toll Economic Impact (Million \$) 112 2125.455654 14 2001-03-31 Region B 9.466463 70 2005-11-30 Region B 9.456705 5198.476774 0 2000-01-31 Region B 9.436895 107 4487.394994 23 2001–12–31 Region A 9.409104 7089.181375 61 2005-02-28 Region A 9.351501 7825.920926 98 2008-03-31 Region B 9.227580 103 7328.480419 401.278102 51 2004-04-30 Region C 9.174865 73 2006-02-28 Region D 9.155693 3498.212275 111 21 2001–10–31 Region C 9.112430 113 5317.742474 18 2001-07-31 Region A 9.087957 114 491.071015 Starting data analysis... Descriptive statistics: Magnitude Depth Death Toll Economic Impact (Million \$) 100.000000 100.000000 100.000000 100.000000 5123.123637 7.245848 315.284434 100.510000 2952.436631 1.283237 194.410311 10.580614 std 5.032013 11.388341 76.000000 12.177205 6.040374 140.004190 25% 93.750000 2359.322177 7.205909 311.200996 100.000000 5130.076113 8.439484 459.323662 109.000000 7566.310037 75% 9891.259315 9.466463 678.517014 129.000000

create_visualizations(cleaned_data)

Generating Word Cloud for locations...

Summary and AI
summary_and_ai()



Word Cloud of Earthquake Locations

Region C Region Basion

