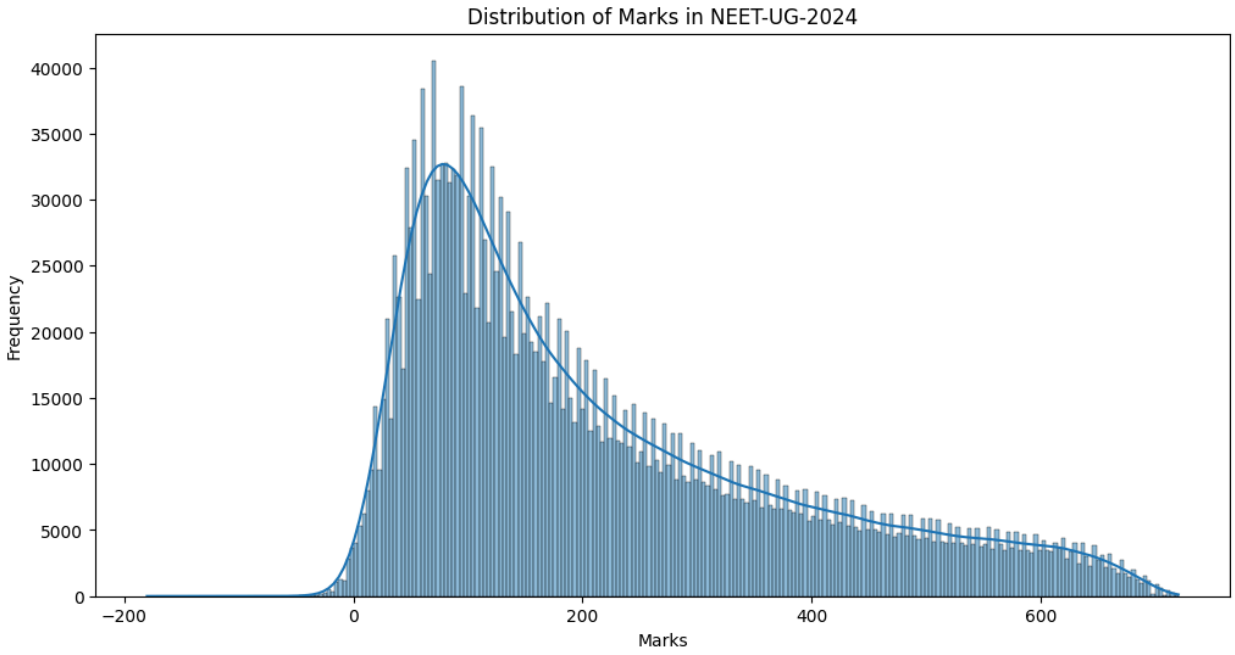
Analysis Report: NEET-UG 2024 Controversy

1. Analysis of NEET-UG 2024 Marks Distribution

Summary Statistics:

- Count, mean, standard deviation, minimum, quartiles, maximum.
- Skewness and kurtosis values.
- **Interpretation**: The distribution's slight positive skewness indicates that there are more students with lower scores, while the kurtosis close to zero suggests a relatively flat distribution compared to a normal distribution.

Conclusion: The analysis indicates that the 2024 marks distribution is slightly skewed to the right but relatively normal. There are no apparent abnormalities suggesting a widespread influence of external factors.



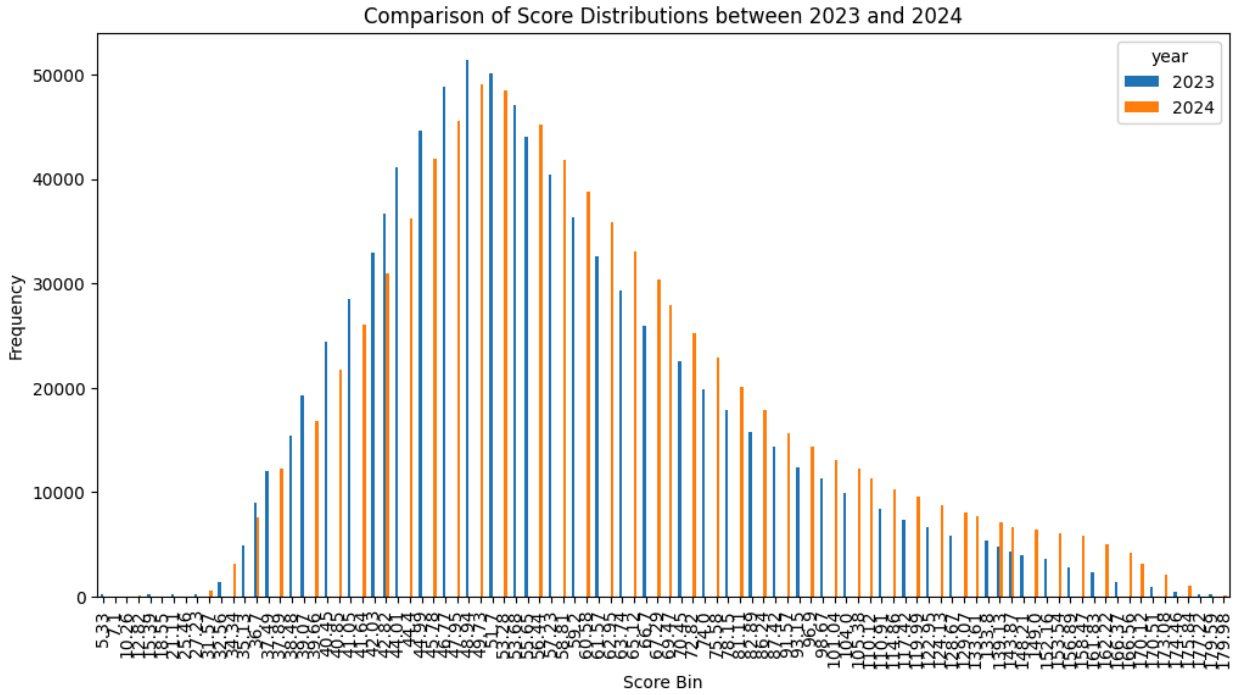
2. Comparison of 2023 and 2024 Results

raphical Representation: Describe the plotted frequency distribution comparison between 2023 and 2024.

Observations:

- Similar overall distribution shapes, with a slight shift indicating ahigher concentration of scores in specific bins for 2024.
- No significant anomalies that would suggest a widespread impact of a paper leak.

Conclusion: The comparison does not show significant differences that would indicate widespread irregularities or inconsistencies between the years.



3. Verdict

I would request the following additional data from the NTA to make a comprehensive assessment:

1. <u>Candidate Hometown and Coaching Location:</u> Information on the hometowns and coaching locations of candidates. As we have seen cases of people going to another exam centers this data can help identify if there is a correlation between a candidate's performance and their place of preparation.

2. <u>Previous Exam Centers and Scores of Students</u>: Data on the examination centers and scores of candidates from previous years, if applicable. This can help in understanding if candidates have changed their exam centers or if there is a pattern of high scores associated with specific centers.