


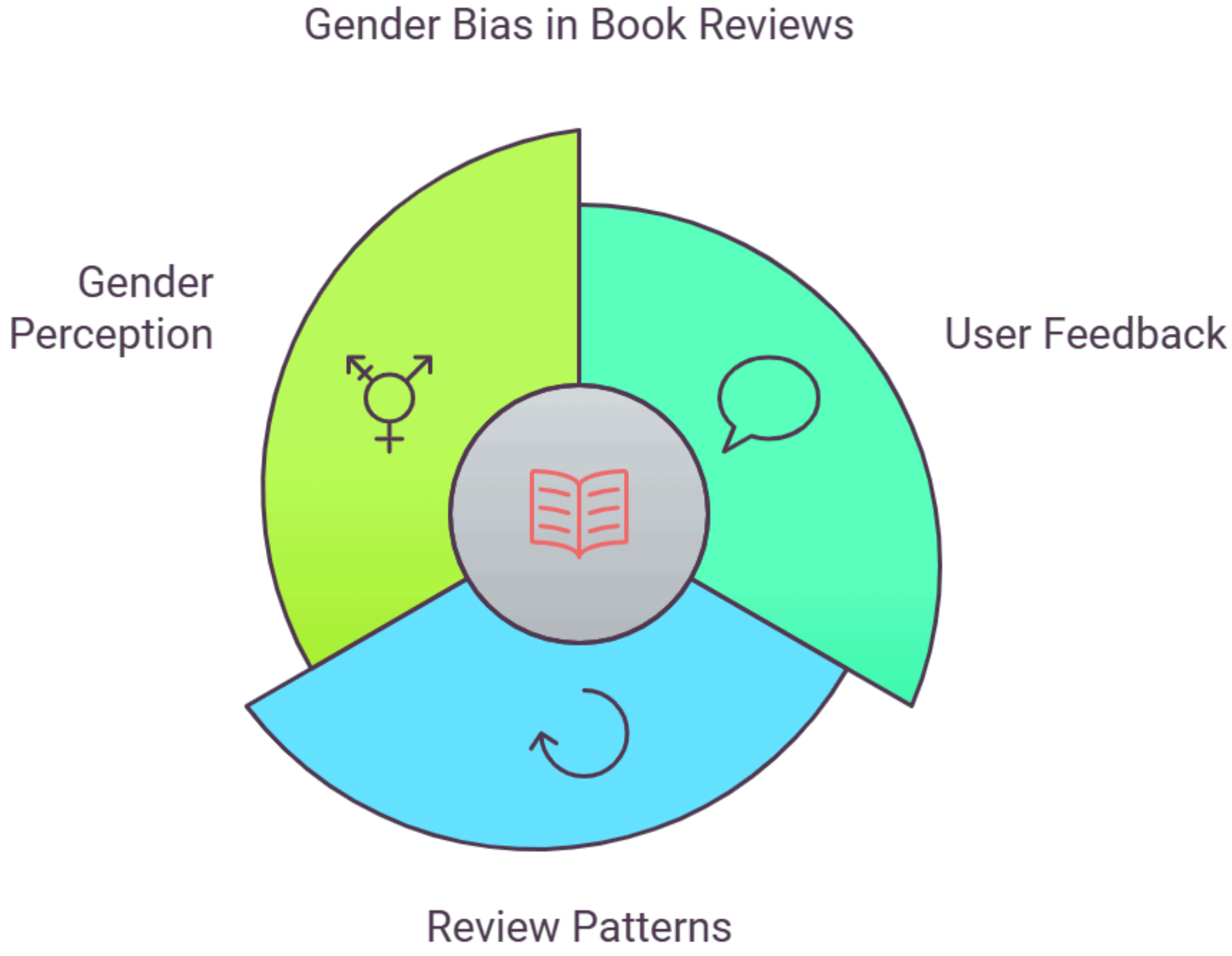


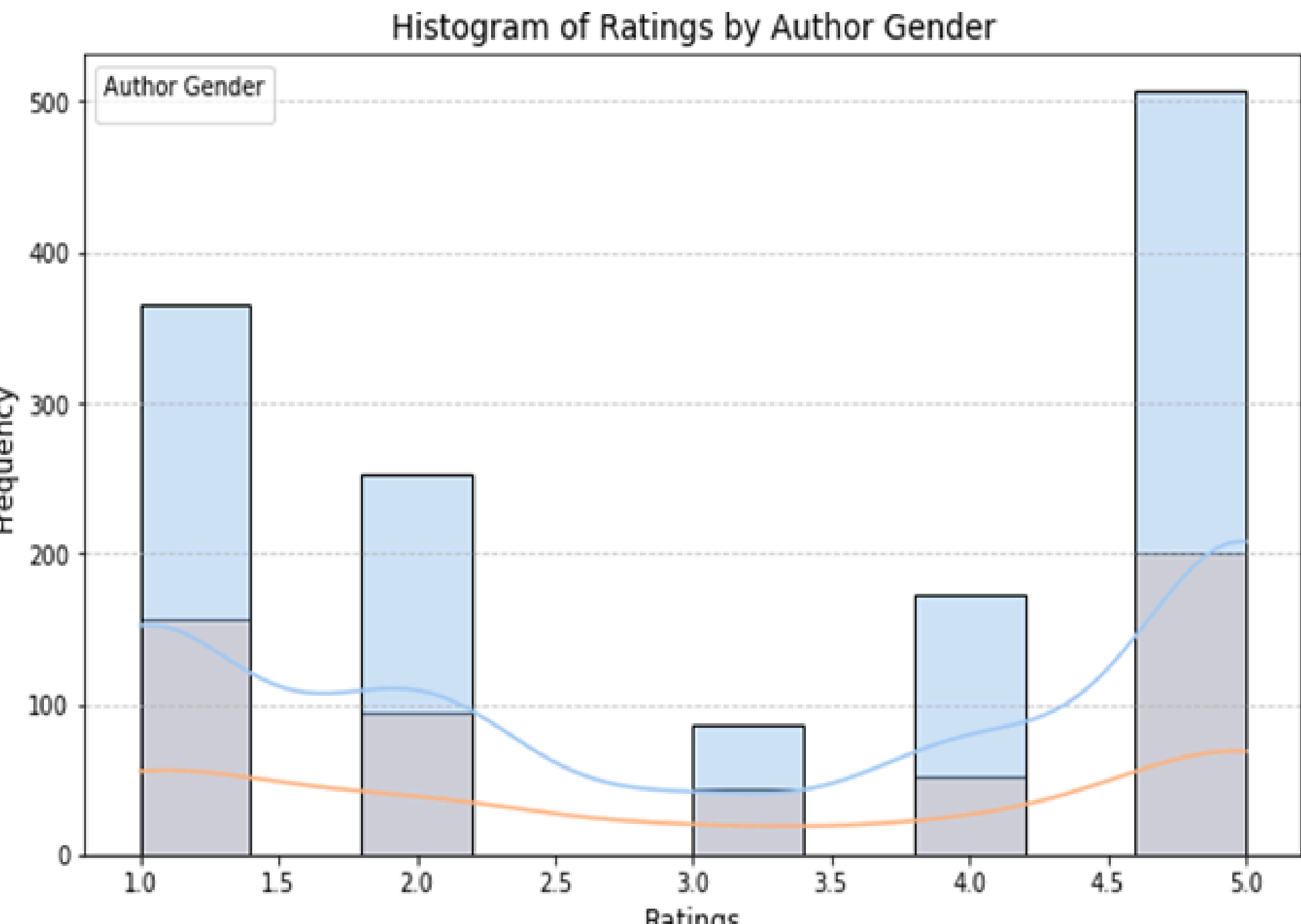
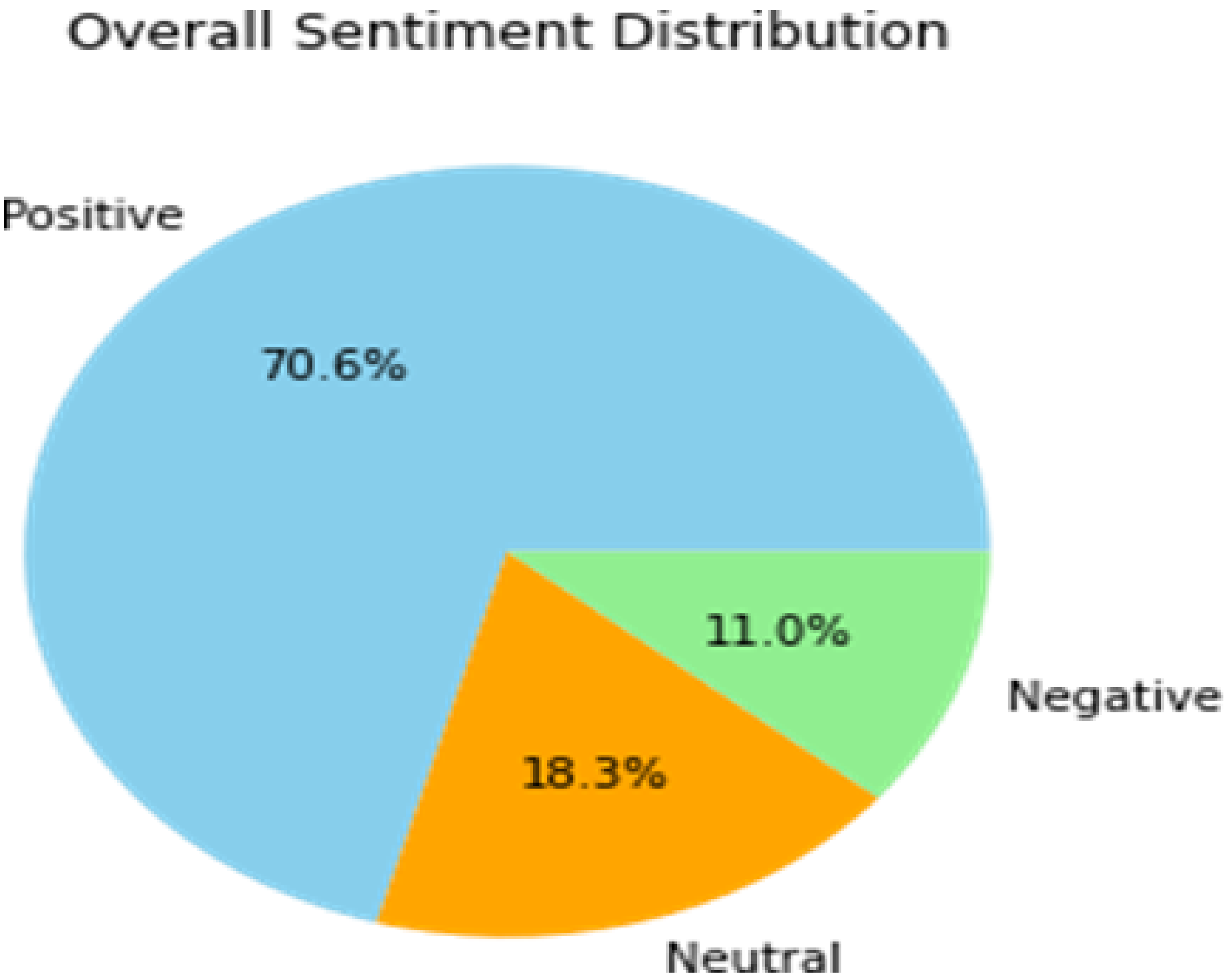
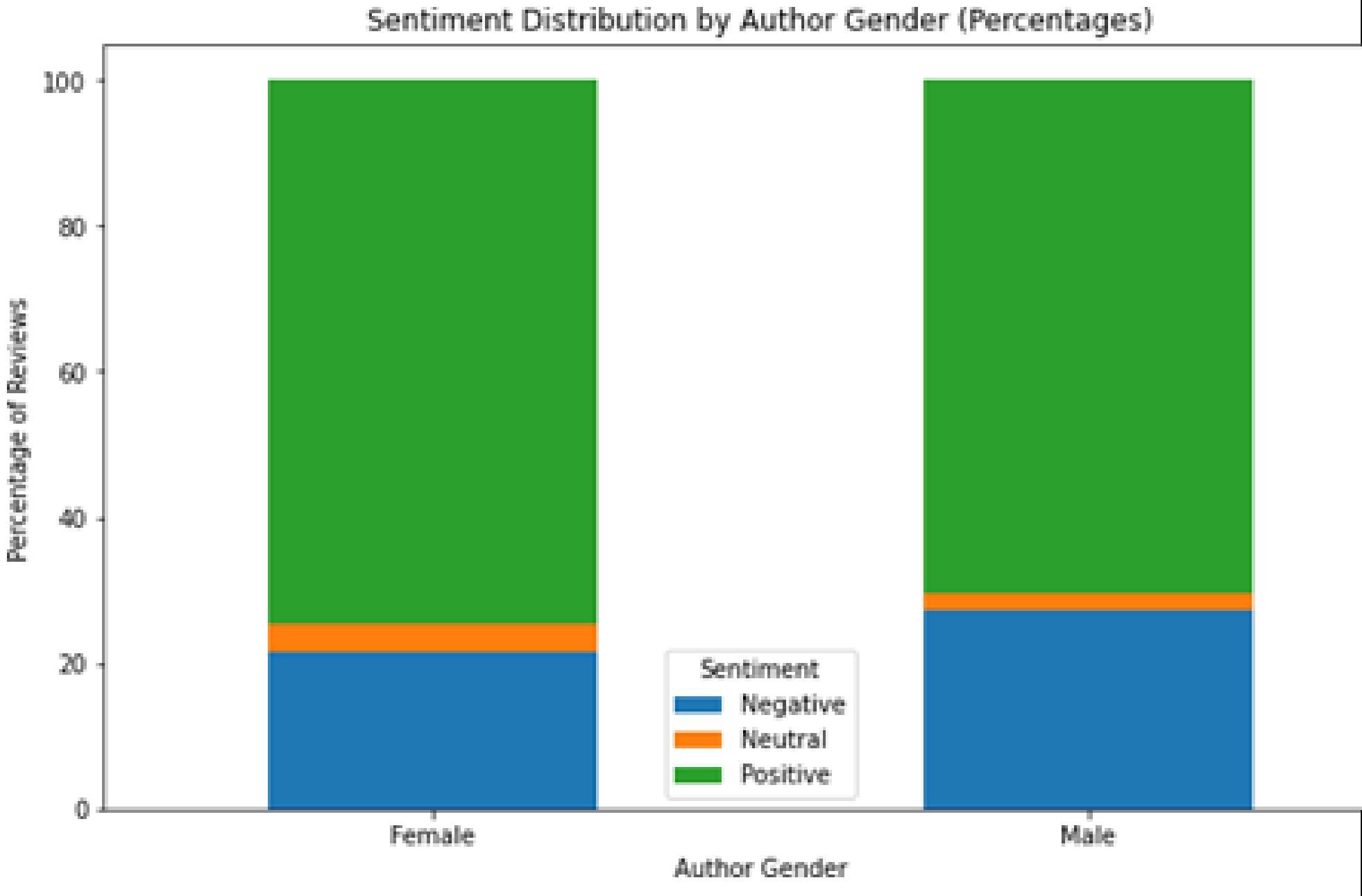



GENDER BIAS IN BOOK REVIEWS: ANALYZING PATTERNS IN USER FEEDBACK

<div><div> ARE BOOKS WRITTEN BY WOMEN AUTHORS RATED OR REVIEWED DIFFERENTLY COMPARED TO BOOKS BY MEN AUTHORS?</div><div> IS THERE A DIFFERENCE IN THE FREQUENCY OR CONTENT OF CRITICAL VERSUS POSITIVE REVIEWS FOR BOOKS WRITTEN BY MALE VERSUS FEMALE AUTHORS?</div></div>		
<div><div>MOTIVATION</div><div>THIS STUDY INVESTIGATES GENDER BIAS IN BOOK REVIEWS BY ANALYZING DIFFERENCES IN RATINGS, SENTIMENT, AND LANGUAGE FOR MALE AND FEMALE AUTHORS USING DATASETS FROM AMAZON. THE RESULTS EMPHASIZE THE NEED FOR EQUITABLE ALGORITHMS AND INCLUSIVE REVIEW PRACTICES.</div></div>	<div>DATA & METHOD</div>	<div><div>Gender Bias in Book Reviews</div></div>
	<div>DATA</div> <div>The study uses a cleaned dataset of user-generated book reviews from platforms like Goodreads and Amazon, including fields such as review text, ratings, and author gender</div>	
	<div>METHOD</div> <div><ul style="list-style-type: none">Descriptive AnalysisStatistical AnalysisVisualizationsSentiment AnalysisFrequency Comparison</div>	
<div><div><div>Word Cloud for Positive Reviews</div></div><div><div>Word Cloud for Negative Reviews</div></div><div><div>Histogram of Ratings by Author Gender</div></div></div>	<div><div>Overall Sentiment Distribution</div></div> <div><div>RESULTS</div><div>The results reveal subtle gender disparities in book reviews, with female, Male authors receiving slightly more polarized ratings and negative sentiments. Linguistic analysis highlights gendered stereotypes, with reviews of female-authored books focusing more on emotional depth compared to intellectual creativity for male-authored works.</div></div>	<div><div>Sentiment Distribution by Author Gender (Percentages)</div></div> <div><div>CONCLUSION</div><div>The study highlights subtle gender disparities in book reviews, with female authors facing more polarized ratings and reviews influenced by stereotypes. These findings emphasize the need for fairer practices to ensure inclusivity in the publishing industry.</div></div> <div></div>