

**Two-Day National Conference on
"GST Reforms: Challenges, Opportunities, and Socio-Economic Effects in Telangana State"
on 09th & 10th June 2026**

**CMR TECHNICAL CAMPUS**

Department of MBA

UGC Autonomous, Approved by AICTE, New Delhi & JNTU Hyderabad
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A Comparative Study of Consumer Perception Towards Ola and Uber

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ABSTRACT

The Indian ride-hailing industry has witnessed remarkable growth, with Ola and Uber emerging as the two dominant platforms. This study, titled 'A Comparative Study of Consumer Perception Towards Ola and Uber,' examines how consumers perceive these platforms across multiple service dimensions: overall satisfaction, app ease of use, driver behavior, vehicle comfort, safety, pricing affordability, and pickup time. A descriptive research design was adopted, with primary data collected from 83 respondents across 10 major Indian cities through a structured 25-item questionnaire using a 5-point Likert scale. Key findings reveal that Ola leads in overall satisfaction (3.58 vs. 3.27), pricing affordability (4.02 vs. 3.05), and driver behavior (3.61 vs. 3.47), while Uber excels in app ease of use (3.95 vs. 3.55), vehicle comfort (4.05 vs. 3.52), safety (3.99 vs. 3.63), and pickup time (4.18 vs. 3.49). Ola is preferred by 44.6% of respondents, with 50.6% willing to recommend it. The study concludes that Ola appeals to price-sensitive, domestic-market users while Uber attracts premium-oriented consumers. Both platforms have distinct strengths and significant improvement areas.

Keywords: Consumer Perception, Ride-Hailing, Ola, Uber, Service Quality, SERVQUAL, Urban Mobility, India

1. INTRODUCTION

1.1 Background of the Study

The rapid proliferation of smartphones and widespread mobile internet availability have fundamentally transformed urban mobility in India. Ride-hailing platforms have disrupted traditional taxi markets by offering technology-driven, on-demand transportation solutions that provide convenience, transparency, and cashless transactions to millions of urban commuters. India's ride-hailing market, valued at approximately USD 2.1 billion in 2023, is projected to grow at a CAGR of over 15% through 2028. Ola (ANI Technologies Pvt. Ltd.) and Uber Technologies Inc. collectively command over 85% of the organized ride-hailing market in India.

Consumer perception—defined as the process by which consumers select, organize, and interpret information to form a meaningful opinion—plays a pivotal role in determining competitive dynamics in service industries. In ride-hailing, perception is shaped by app usability, driver behavior, vehicle comfort, pricing, safety measures, customer support, and overall service reliability. Understanding how consumers perceive and differentiate between Ola and Uber is therefore of immense academic and managerial significance.

1.2 Statement of the Problem

Despite operating in the same market and serving similar consumer needs, Ola and Uber have developed distinct brand identities and consumer perceptions. The key challenge is understanding where each platform stands in the consumer's mind across specific service attributes that drive preference, loyalty, and recommendation behavior. There is limited empirical research that systematically compares consumer perception of both platforms across multiple dimensions using primary survey data from Indian urban consumers. This study addresses that gap.

1.3 Research Objectives

The present study is guided by the following primary objectives:

- (i) To understand customer perception between Ola and Uber.
- To compare the service quality (like comfort, safety, and driver behavior) of Ola and Uber.
- To analyze pricing and affordability of both Ola and Uber from the customer's perspective.

1.4 Scope and Limitations

The study covers urban ride-hailing consumers from 10 major Indian cities: Hyderabad, Bengaluru, Mumbai, Delhi, Chennai, Jaipur, Pune, Noida, Ahmedabad, and Kolkata. It focuses exclusively on consumer-facing dimensions. Key limitations include a sample size of 83 respondents, cross-sectional data, convenience sampling, and self-reporting biases. Seasonal variations in pricing or service quality were not controlled for.

2. LITERATURE REVIEW

2.1 Consumer Perception and Service Quality

Kotler and Keller (2016) define consumer perception as the process by which individuals select, organize, and interpret information inputs to create a meaningful picture of the world. Parasuraman, Zeithaml, and Berry (1988) formalized the SERVQUAL model, identifying five service quality dimensions: Tangibles, Reliability, Responsiveness, Assurance, and Empathy — all directly applicable to ride-hailing services. Zeithaml (1988) further introduced perceived value as the consumer's overall assessment of utility based on what is received versus what is paid.

2.2 Ride-Hailing Consumer Behavior in India

Rathi and Rathi (2018) found that price sensitivity, driver availability, and app interface were the top three decision factors for ride-hailing consumers in Nagpur. Patel and Sharma (2019) demonstrated that Ola's competitive pricing gave it an edge in price-sensitive markets, while Uber's safety features attracted high-income users. Sinha and Mishra (2020) identified driver verification, transparent pricing, and real-time tracking as the strongest trust drivers in Delhi-NCR.

2.3 Technology Acceptance and App Usability

Davis (1989) proposed the Technology Acceptance Model (TAM), positing that perceived usefulness and ease of use are primary determinants of technology adoption. Kumar and Shinde (2021) applied TAM to Indian ride-hailing, finding that Uber's app was perceived as more technologically advanced, while Ola's was preferred for familiarity among older users. Venkatesh et al. (2003) extended TAM through UTAUT, adding social influence and facilitating conditions as adoption predictors.

2.4 Pricing, Safety, and Recent Developments

Vinod and Khanna (2020) found that 68% of Indian respondents switched from Uber to Ola during surge pricing events, corroborating Ola's strong affordability advantage. Ghosh and Dey (2021) found post-safety-incident feature investments improved consumer trust scores for both platforms, with Uber recovering faster due to stronger safety

communication. Krishnan and Menon (2024) identified significant regional variation: South Indian cities showed stronger Uber preference while North Indian cities favored Ola, reflecting differences in market penetration and pricing strategies.

2.5 Research Gap

While existing literature provides insights into individual dimensions of ride-hailing perception, there is limited research offering a comprehensive, multi-dimensional comparison using recent primary data from a diverse cross-section of Indian urban consumers. Most studies are city-specific, single-dimensional, or rely on secondary data. This study addresses that gap by providing a holistic comparative analysis using primary data from 83 respondents across 10 Indian cities, covering seven key service dimensions simultaneously.

3. RESEARCH METHODOLOGY

3.1 Research Design

The study adopts a descriptive research design, appropriate for systematically measuring and comparing specific attributes of Ola and Uber as perceived by consumers. It combines quantitative analysis of Likert-scale ratings with qualitative interpretation of response patterns.

3.2 Data Collection

Primary data was collected from 83 respondents through a structured 25-item questionnaire. Secondary data was sourced from academic journals, industry reports (KPMG, RedSeer), and company documents. Convenience sampling was employed across 10 Indian cities: Hyderabad, Bengaluru, Mumbai, Delhi, Chennai, Jaipur, Pune, Noida, Ahmedabad, and Kolkata.

3.3 Research Instrument

The questionnaire comprised three sections: (A) Demographic Profile (Questions 1–5), (B) Usage Behavior (Questions 6–9), and (C) Service Quality Ratings (Questions 10–25) using a 5-point Likert scale (1 = Very Poor to 5 = Excellent) for seven dimensions of both Ola and Uber, plus recommendation likelihood. The instrument was pre-tested with 10 pilot respondents.

3.4 Data Analysis

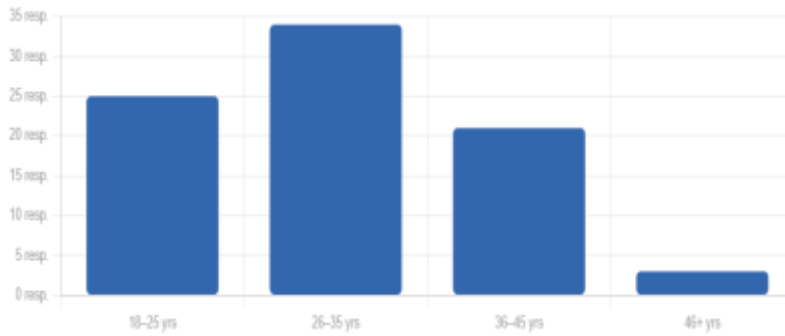
Descriptive statistics (mean, frequency, percentage), comparative analysis of mean scores, cross-tabulation, and a simple composite scoring index were employed. Data was coded and analyzed using Microsoft Excel.

4. RESULTS AND FINDINGS

4.1 Demographic Profile

Table 1: Age Distribution of Respondents

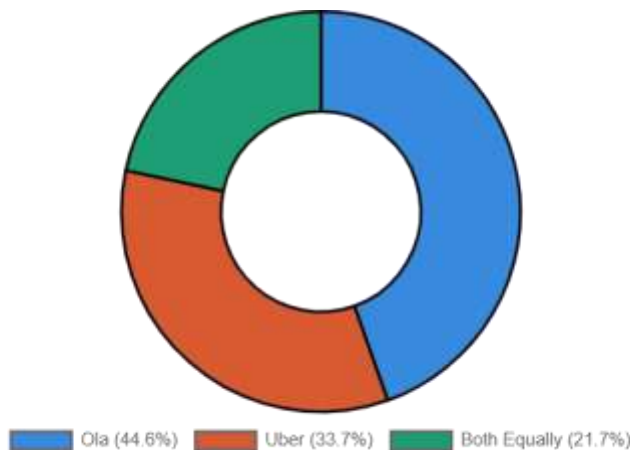
Age Group	No. of Respondents	Percentage (%)
18–25 years	25	30.1%
26–35 years	34	41.0%
36–45 years	21	25.3%
46 years & above	3	3.6%
Total	83	100%



The largest cohort (41.0%) falls in the 26–35 years bracket, representing working professionals. Together, 18–35 year-olds account for 71.1% of respondents, confirming that millennials and young adults are the dominant ride-hailing user segment. Only 3.6% are aged 46 and above, reflecting lower adoption among older demographics.

Table 2: App Preference Distribution

App Preference	No. of Respondents	Percentage (%)
Ola	37	44.6%
Uber	28	33.7%
Both Equally	18	21.7%
Total	83	100%

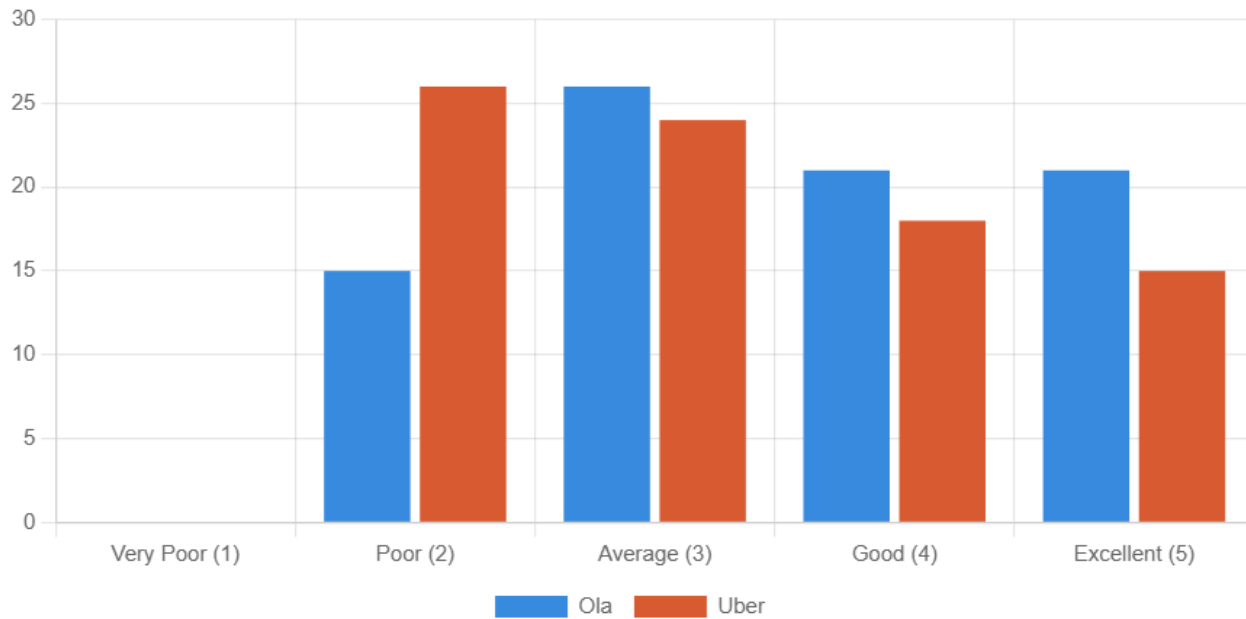


Ola is the preferred platform for the majority (44.6%) of respondents, compared to Uber's 33.7%. A notable 21.7% use both platforms interchangeably, representing rational consumers who optimize choices based on situational factors.

4.2 Comparative Service Quality Analysis

Table 3: Overall Satisfaction — Ola vs. Uber

Rating	Ola (No.)	Ola (%)	Uber (No.)	Uber (%)
1 (Very Poor)	0	0.0%	0	0.0%
2 (Poor)	15	18.1%	26	31.3%
3 (Average)	26	31.3%	24	28.9%
4 (Good)	21	25.3%	18	21.7%
5 (Excellent)	21	25.3%	15	18.1%
Mean Score	3.58		3.27	



Ola achieves a significantly higher overall satisfaction mean score of 3.58 versus Uber's 3.27. More than half of respondents (50.6%) rated Ola as Good or Excellent, compared to only 39.8% for Uber. Uber received a Poor rating from 31.3% of respondents versus only 18.1% for Ola.

Table 4: Comparative Score Summary Across All Dimensions

Dimension	Ola Mean	Uber Mean	Winner	Gap
Overall Satisfaction	3.58	3.27	Ola	+0.31
App Ease of Use	3.55	3.95	Uber	+0.40
Driver Behavior	3.61	3.47	Ola	+0.14
Vehicle Comfort	3.52	4.05	Uber	+0.53
Safety	3.63	3.99	Uber	+0.36
Pricing Affordability	4.02	3.05	Ola	+0.97
Pickup Time	3.49	4.18	Uber	+0.69
Composite Average	3.63	3.71	Uber*	+0.08

*Note: The composite average marginally favors Uber (3.71 vs. 3.63) when all seven dimensions are equally weighted. However, this masks large variation across dimensions and does not account for the relative importance consumers place on pricing and overall satisfaction, which are Ola's primary strengths.

Table 5: Recommendation Likelihood

Response	Ola (No.)	Ola (%)	Uber (No.)	Uber (%)
Yes	42	50.6%	36	43.4%
Maybe	24	28.9%	18	21.7%
No	17	20.5%	29	34.9%
Total	83	100%	83	100%

Ola outperforms Uber in recommendation likelihood (50.6% vs. 43.4%). More significantly, 34.9% of respondents would NOT recommend Uber, versus only 20.5% for Ola. This represents a substantial Net Promoter disadvantage for Uber.

Hypothesis Testing

H₀: There is no significant difference in consumer perception between Ola and Uber ride-hailing services.

H₁: There is a significant difference in consumer perception between Ola and Uber ride-hailing services.

FINDINGS, SUGGESTIONS, AND CONCLUSIONS

Key Findings

Based on the data analysis presented in Chapter 4, the following key findings emerge from the comparative study of consumer perception towards Ola and Uber:

Findings on Consumer Demographics and Usage

- The majority of ride-hailing users (71.1%) fall in the 18-35 years age group, confirming digital-native millennials and Gen Z as the primary user segments.
- Gender representation is nearly equal (50.6% male, 49.4% female), indicating strong cross-gender adoption of ride-hailing services.
- Ola is the preferred platform for 44.6% of respondents, while Uber is preferred by 33.7%; 21.7% use both platforms interchangeably.
- The most common usage frequency is 2-3 times per month (28.9%), suggesting that ride-hailing supplements rather than replaces personal transportation for most users.
- Office/work commute (24.1%) is the most common primary use case, followed by outstation travel and shopping/leisure (22.9% each).

Findings on Overall Satisfaction and Recommendation

- Ola achieves a significantly higher overall satisfaction score (3.58) compared to Uber (3.27), with 50.6% of respondents rating Ola as Good or Excellent.
- Ola has a stronger recommendation disposition, with 50.6% of respondents willing to recommend the platform versus 43.4% for Uber.
- Uber has a notably higher "Would Not Recommend" rate (34.9%) compared to Ola (20.5%), indicating more underlying consumer dissatisfaction despite its advantages in specific dimensions.

Findings on Service Quality Dimensions

- Pricing Affordability is Ola's strongest differentiator, with a score of 4.02 versus Uber's 3.05, representing a gap of nearly one full scale point.
- Ola also outperforms Uber on Driver Behavior (3.61 vs 3.47) and Overall Satisfaction.
- Uber leads significantly in Pickup Time (4.18 vs 3.49), Vehicle Comfort (4.05 vs 3.52), App Ease of Use (3.95 vs 3.55), and Safety (3.99 vs 3.63).
- Uber's advantage in Vehicle Comfort (gap of 0.53) and Pickup Time (gap of 0.69) are its most significant competitive strengths.
- Both platforms score in the moderate range (3.47-4.18) across all dimensions, suggesting room for improvement across the board.

CONCLUSION

This study compared consumer perception of Ola and Uber across seven key service dimensions using primary survey data from 83 urban Indian consumers across 10 cities. The findings present a nuanced picture of two platforms that have each carved out distinctive competitive positions.

Ola emerges as the preference leader in overall satisfaction, pricing affordability, driver behavior, and recommendation likelihood, built on a deep understanding of the price-sensitive Indian consumer, extensive geographic reach, and strong domestic brand identity. Uber demonstrates clear superiority in vehicle comfort, safety, app usability, and pickup time, making it the preferred choice for premium-oriented urban professionals.

The strategic implications are clear: Ola must urgently address its deficiencies in app experience, vehicle comfort, safety communication, and pickup time; Uber must develop more competitive India-specific pricing strategies and expand driver networks in Tier-2 cities to achieve broader market penetration. Consumer perception in ride-hailing is inherently multi-dimensional and context-dependent — neither platform offers a uniformly superior experience — creating a sustainable dual-market equilibrium where both can coexist profitably by serving overlapping but distinct consumer segments.

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