

Indian Retail Chain Industry: Influencing factors of DMart Customers

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Abstract

In the present business situation, importance is being given to drive the functions of marketing functions with a sense of social responsibility. This has resulted to pay great deal of attention towards the social responsibilities of customers by retail organizations. This will be helpful in meeting the demands and understanding the expectations of consumers. The retail industry had to concentrate more on customer satisfaction to remain competitive in the market because of tough competition DMart is one of the most successful hypermarket in India. It offers a wide range of products to customers all over the country. The primary objective of the study is to analyze what makes customers to prefer DMart for purchasing purpose and their level of satisfaction. For the purpose of the study a questionnaire was constructed and survey was undertaken from 132 respondents considering them as sample where the total population was infinite in nature. The data was analyzed and interpreted with the help of relevant statistical tools and found that eight factors were strongly influencing the shopping experience of customers.

Keywords: Customer satisfaction, Customer shopping experience, Departmental stores, Hypermarkets, Store Ambience

Introduction

1. Indian Retail Industry

The Indian retail industry, mainly hypermarkets, and grocery stores are undergoing high growth not only in India but worldwide. This industry is having significant contribution towards the Nation's GDP. Due to the introduction of various new companies, the Indian retail industry has become one of the greatest competitive and quick-paced segments. The retail sector is contributing around ten percent to India's GDP and a share in the employment of around eight percent of high significance. India's retail market has a huge scope for growth and is projected to grow around 10 percent every year over the next decade. The Indian retail industry will then be worth a massive US\$2 trillion by the year 2032. For the financial year 2022, the Indian state of Maharashtra has the principal contribution of 134.3 billion U.S. dollars to the whole retail GDP. This was followed by Tamil Nadu with a contribution of 71 billion U.S. dollars to the retail GDP. The contribution of GDP from Andhra Pradesh state was around 38.6 billion US dollars.

The Indian food and grocery retail market had several players. Some of the key players in this space included Aditya Birla Retail, DMart, Future Retail Limited, Reliance Retail, Star Bazaar, Hypercity, Shoppers Stop Limited etc.

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II. DMart – Indian Retail Chain

DMart is often termed as the Walmart of India. Goldman Sachs noted that Avenue Supermarts Limited's low - price, low - cost commercial model, where it offers the lowest prices to consumers by charging lowest costs which is similar to Walmart.

Avenue Supermarts Ltd NSE 0.08 %, owns and functions the retail chain DMart, has stated a 35.75 percent rise in standalone revenue of Rs 10,384.66 crore from operations for the second quarter of the current fiscal. The company had revenue from operations of Rs 7,649.64 crore in the year-ago period, according to regulatory filing. It said in the regulatory filing recently that standalone revenue from operations for the quarter that ended September 30, 2022, stood at Rs.10,384.66 crore. It had a total of 302 stores at the end of September 2022. In the July to September quarter of the financial year 2020 - 2021, Avenue Supermarts' standalone revenue was Rs 5,218.15 crore. It was at Rs 5,949 crore in the before pandemic July to September quarter of financial year 2019-20.

The revenue of DMart has estimated over 303 billion Indian rupees for the financial year 2022, which is high from the previous year. The revenue of the retail chain in that year was increased by ten times from the financial year 2012.

D-MART is a large retail giant that has a wide market with variety of product lines and aimed to offer customers a wide range of basic home and personal products under one place. Each DMart store stocks home utility products such as food, kitchenware, toiletries, beauty products, garments, bed and bath linen, home appliances etc., at low prices. The objective of DMart is to offer customers good products at great value.

Review of Literature

The researcher made an effort to collect information from prior research and relevant studies which was conducted in the fields of super markets, hypermarkets, customer behaviour, shopping experience so that the important variables which can be used for the study could be identified and analyzed. The review of literature has been presented in a brief and detailed manner.

A study was conducted by Dignesh S. Panchasara and Umesh R, Dangarwala on customer satisfaction towards Corporate Retail Stores in Baroda City with the objective to find interrelationships between various Retail Service Qualities dimensions. This study was undertaken with a sample size of 120 and data was collected through structured questionnaire. It was found from the study that good quality products, discounts and offers attracts customers towards organized retail outlets. Researchers suggested that retail stores should adopt efficient inventory management system, training to employees to deal with customer complaints, knowledge about availability of the products and personal attention to customers.

An attempt was made to study the gap between expectation and perception of the consumers of big bazaar retail using DERVQUAL model by Bhawana Gupta and Amit Malik in a study on 'Customer expectation and perception about Bio Bazaar: An Empirical study in Ghaziabad' with a sample size of 75. It was observed from the study that customers have a very high level of expectations from Big Bazaar and the perception of respondents is below the perceived level. It was also found that customers are quite satisfied with the service provided by employees in the store.

A study was conducted on 'Role of Customer Brand Loyalty with Reference to Big Bazaar – An Empirical Research' by R S Ch Murthy Chodisetty and Siddhani Reddy with the

objective to study the factors that influence customer store loyalty. The study was conducted with a sample size 81. Primary data was collected using a structured questionnaire and secondary data was collected from books and magazines. It was found from the study that with the offers, schemes, facilities and service providing at big bazaar strengthen customer loyalty.

To examine the relationship between fashion and consumer purchase behavior (their willingness to pay a premium for fashion), a study was conducted by Shen, Bin; Wang, Yulan; Lo, Chris K.Y.; Shum, Momoko. The purpose of this paper is with the focus on consumers concerns and beliefs about knowledge of ethical fashion with a sample of 109 respondents. To test hypothesis, factor analysis and other statistical techniques were applied. The findings suggest that consumer beliefs about ethical fashion, which are based on their perceptions on a company in terms of its name in the fashion industry, influence their support on socially responsible businesses.

To study customer preferences, Buying behaviour and factors that affect the choice of customers, a study was conducted by Uma Madeswari P and Shenaz Jabeen .N on 'Customer satisfaction buying goods in Big Bazaar with reference to Thanjavur District'. A Simple Random Sampling technique was used and data was collected from 100 respondents by using questionnaire as research instrument. This study was focused on type of products, purpose of visiting, reasons for buying in big bazaar. It was found that variety of products, offers, customer service, quality of products, brands, low price etc., are the factors that are influencing the customers to shop at Big bazaar.

A study on consumer purchasing behavior in organized retail outlets was conducted by Sangvikar, B. V.; Katole, Hemant J. this study focused on behavior of consumers mainly on patterns of their purchasing in various store formats and preference of store on the basis of availability of product, spending patterns, consumers preferred stores, sales personnel services, and store layout. It was found from the study that the customers prefer retail outlets because of discounts in prices, quantity, followed by variety of products in the store and convenience to the customer. Customers purchase behavior differs with price and availability of products and customers spending pattern reduces due to poor quality of products.

An attempt was made by Vineeta Gangal and A.Kumar to identify factors that influence their consumer behaviour towards shopping malls in a study on 'Big Bazaar - A study of Consumer behaviour towards organized retail outlets'. Data was collected by distributing questionnaire to 405 respondents. The study reveals the purchasing patterns of consumers and biggest client base is youngsters mainly to shop food items because of its low price pricing strategy.

Research Methodology

The main focus of this part is to explain the methodology of research followed by research design, sampling method, data collection tools and techniques, The target population for this study includes all customers of DMart of various places in Andhra Pradesh to get relevant information for the research purpose. For the present study, the sampling frame includes customers who visited and made purchases from DMart very frequently. After reviewing several researches, it was found that survey method through online, employing a structured questionnaire was appropriate for the current study.

Research question

In this study, an effort was made to identify the elements of consumer satisfaction regarding their shopping experiences at DMart. Problems in the form of research questions

observed for the study was 1. What is the profile of the consumers visiting DMart based on demographic profile 2. What factors impact the preference for shopping at DMart amongst its competitors?

Scope of the Study

The scope of this research is to analyse the shopping experience of customers at DMart. This research is based on primary and secondary data. The scope of research is limited to Rayalaseema region.

Need of the study

Now a day's retail industry is facing more problems, every single retail shop is looking to get a large market share of customers. Everyday market condition is changing because of offers, discounts and low prices. The present is very much needed to know customer preferences, expectations and problems. After all, the success and failure of a company are purely based on customer satisfaction. The findings and suggestions provided in the research study will help DMART to make essential changes to increase customers visits and decent experience in the said outlet.

Objectives of the study

- To understand the Socio economic profile of DMart Customers
- To identify the factors that influence the customers to visit DMart stores

Sampling Technique and Size

The data was collected from both primary and secondary sources. For primary data, a google document was made and distributed through social media to the respondents who frequently visit and purchase at DMart.

Data sources

The survey was carried out in the Rayalaseema region. The methodology adopted in the study is in descriptive nature and non probability convenience sampling technique was used. Data was collected from 132 respondents through an online structured questionnaire with Google forms. Data collected was analyzed and interpreted with the help of SPSS software.

For collecting conceptual information about DMart and store ambiance data was collected and reviewed various articles, and research papers published in Journals, Emerald Journal, books, brochures, periodicals, the official website of the company and also visited various libraries.

Research Instruments

A structured Questionnaire has been used in this study. According to Hair et. al (2003)²¹ if the population of the study is well-educated than it is good to use a Questionnaire to collect primary data as it is most effective and gives high response rate

A structured questionnaire was used to conduct an online study. Data was collected from respondents using Google Forms. The questionnaire consists of two sections, the first section consists of questions related to sociodemographic factors of the respondents. In the next section, five-point Likert-scale-based questions related to measure the variables, such as quality of service, product availability, pricing, facilities, staff response, after-sales service, etc., were used, which have values ranging from one to five for strongly disagree to strongly agree respectively.

Likert Scale

| Highly dissatisfied | dissatisfied | Neutral | Satisfied | Highly Satisfied |
|---------------------|--------------|---------|-----------|------------------|
| 1 | 2 | 3 | 4 | 5 |

In this study five point Likert scale was used. The measurement source used in this study has been adopted from the existing literature. In the questionnaire many factors were considered and asked on five point Likert scale.

| Sl.No. | Research topic | Factors undertaken for the study |
|--------|---|--|
| 1 | customer satisfaction towards Corporate Retail Stores in Baroda City | Discounts and offers, quality products |
| 2 | Customer expectation and perception about Big Bazaar | Customer service |
| 3 | Role of Customer Brand Loyalty with Reference to Big Bazaar – An Empirical Research | Offers, Facilities, Services, Schemes |
| 4 | Customer satisfaction buying goods in Big Bazaar with reference to Thanjavur District | variety of products, offers, customer service, quality of products, brands, low price etc |
| 5 | Consumer purchase behavior in organized retail outlets | Availability of product, customer spending pattern, consumers preferred stores, sales personnel services, and layout |
| 6 | Consumer purchase behavior | Fashion, awareness, competition, customer beliefs |
| 7 | Consumer behaviour at Big Bazaar | Food items, low price, youngsters, brands |

Statistical analysis

The methodology employed for hypothesis testing depends on the nature of the data used and the objectives of the analysis. The collected data was analysed by using SPSS software. To test the hypothesis following tests are used descriptive analysis (frequency, percentage, mean, standard deviation) reliability analysis, validity analysis, Factor Analysis and other tools used for data analysis

Limitations and Future Research Directions

The study has its own limitations that the sample size is limited to only customers who have made visits and purchases at DMart stores. The study is confined to Rayalaseema region DMart stores. Hence the interpretations cannot be considered for generalisations of entire retail industry. Biased answers may be given by the respondents for the required data.

Data Interpretation

The sample size of the present study was 131. The results are divided to subsections such as descriptive statistics, reliability analysis and factor analysis

Descriptive Statistics

To explain the profile of respondents, descriptive statistics was used in this study.

Table No. 1: Demographic profiles of respondents.

| Demographic Profile | Frequency | Total | Demographic Profile | Frequency | Total |
|---------------------------|------------|--------------|-----------------------------|------------|--------------|
| Age | | | Income | | |
| Below 20 | 37 | | Below 50000 | 67 | |
| 20-40 | 58 | | 50000 - 100000 | 44 | |
| >40 | 36 | | Above 100000 | 20 | |
| Total | 131 | 100 | Total | 131 | 100.0 |
| Education | | | Gender | | |
| Below UG | 57 | | Male | 56 | 42.7 |
| PG and Above | 46 | | Female | 75 | 57.3 |
| Others | 28 | | Total | 131 | 100.0 |
| Total | 131 | 100.0 | Frequency of visit | | |
| Occupation | | | Once in a week | 22 | 16.8 |
| Employee | 26 | 19.8 | Twice in a week | 13 | 9.9 |
| Self Employed | 21 | 16.0 | Once in 15 days | 70 | 53.4 |
| Student | 56 | 42.7 | During offers | 26 | 19.8 |
| Others | 28 | 21.4 | Total | 131 | 100.0 |
| Total | 131 | 100.0 | Category of Products | | |
| Clothing and Fashion | 49 | 37.4 | | | |
| FMCGs and Groceries | 65 | 49.6 | | | |
| Electronics and Furniture | 2 | 1.5 | | | |
| Luggage and Stationery | 6 | 4.6 | | | |
| Total | 131 | 100 | | | |

From the table No.1 the respondents were mostly in the age group of 20 to 40 years (==). It is also evident from the table that majority of the respondents are blow graduates (==). Most of the customers visiting DMart are Students (42.7%). It was also observed that the female (57.3%) customers are visiting DMart majorly. With respect to income status, below Rs.50,000 income group (==) is visiting very frequently and purchasing FMCGs and Groceries (==) by visitng once in 15 days (53.4%) to make purchasing at DMart store.

Results & Discussions

a. Reliability Analysis

In this study, the key focus is to identify the factors that influence customers visit and purchases at DMart stores. The Cronbach alpha was used to measure internal consistency by unit weighting items with loadings in a factor where Cronbach's alpha coefficient at 0.5 or higher was considered acceptable.

Table No.2: Reliability Statistics

| Reliability Statistics | | |
|-------------------------------|---|---------------------|
| Cronbach's Alpha | Cronbach's Alpha based on Standardized Items | No. of Items |
| .931 | .934 | 31 |

These factors produced Cronbach's Alpha coefficients of .931 indicating high internal reliabilities which shows all items of the constructs are reliable and good consistency exists among individual items of a scale.

b. KMO and Bartlett's test

The perfection of factor analysis is highly reliant on on the sample size. In this connection, KM O and Bartlett's Test was conducted to check whether the data collected is appropriate for factor analysis or not.

Table No.2: KMO and Bartlett's Test

| KMO and Bartlett's Test | | |
|---|---------------------|-------------|
| Kaiser- Meyer- Olkin Measure of sampling adequacy. | | .860 |
| | Approx. Chi- square | 1926.674 |
| Bartlett's test of sphericity | df | 465 |
| | Sig . | .000 |

It was found from the table No.2, the value of KMO for overall matrix is 0.860, and P-Value is .000. Based on the results, it is appropriate to proceed with factor analysis without any hesitation.

c. Factor Analysis

Factor Analysis was used to identify prominent factors influencing customer visits and purchases at DMart stores. The Communalities table provides values of communalities. The Initial communalities of 1.0 for respective variable suggests that all variables are 100 percent involved (100% or 1.0) in the factor analysis result. It can be seen from the below table that the entire selected variables are largely contributing to the factor analysis model

Table No. 3: communalities – Initial Vs Extraction

| Variables | InitialExtraction | | Variables | InitialExtraction | |
|--|--------------------------|------|---|--------------------------|------|
| 10. Quality of service | 1.000 | .814 | 26. Maintenance of store (Cleanliness) | 1.000 | .716 |
| 11. Availability of products | 1.000 | .679 | 27. Availability of EMI Facility | 1.000 | .663 |
| 12. Quality of products | 1.000 | .723 | 28.Promotion of products (advertisements) | 1.000 | .522 |
| 13. Discounts and offers on products | 1.000 | .625 | 29. Exchange facility | 1.000 | .698 |
| 14.Service from staff | 1.000 | .696 | 30. Availability of branded products | 1.000 | .616 |
| 15. Solving and responding to problems and complaints by staff | 1.000 | .556 | 31. Staff knowledge on offers and product availability | 1.000 | .566 |
| 16. Prices are affordable | 1.000 | .712 | 32. Availability of the stocks all the time | 1.000 | .611 |
| 17. Wide range of choices in price | 1.000 | .671 | 33. Availability of wide range of products (Different quantity) | 1.000 | .735 |
| 18. After sales service | 1.000 | .575 | 34. Store is spacious | 1.000 | .601 |
| 19. Waiting time at the payment point | 1.000 | .780 | 35. Arrangement of products are in order | 1.000 | .568 |
| 20. Easiness in finding the products | 1.000 | .740 | 36. Usage of membership cards in store | 1.000 | .671 |
| 21. Location of store is convenient | 1.000 | .696 | 37. SMS alerts on offers | 1.000 | .717 |

| | | | | | |
|--|-------|------|--|-------|------|
| 22. Parking facility at the store | 1.000 | .672 | 38. Nnumber of billing desks | 1.000 | .688 |
| 23. Variety of products | 1.000 | .507 | 39. Carry bags | 1.000 | .646 |
| 24. Purchasings from supermarkets are beneficial | 1.000 | .592 | 40. Staff are approachable towards customer requirements | 1.000 | .620 |
| 25. Availability of quality products | 1.000 | .583 | | | |

Extraction Method: Principal Component Analysis.

The Total Variance explained in the below table explains the amount of variance explained by each factor after the initial and extraction part of analysis. Table 3 displays the overall variance explained at eight stages for the factors influencing customer visits and purchases. Finally, eight factors were extracted because of their eigenvalues which are greater than 1.0. When eight factors were extracted, 65.344 percent of the change would be described.

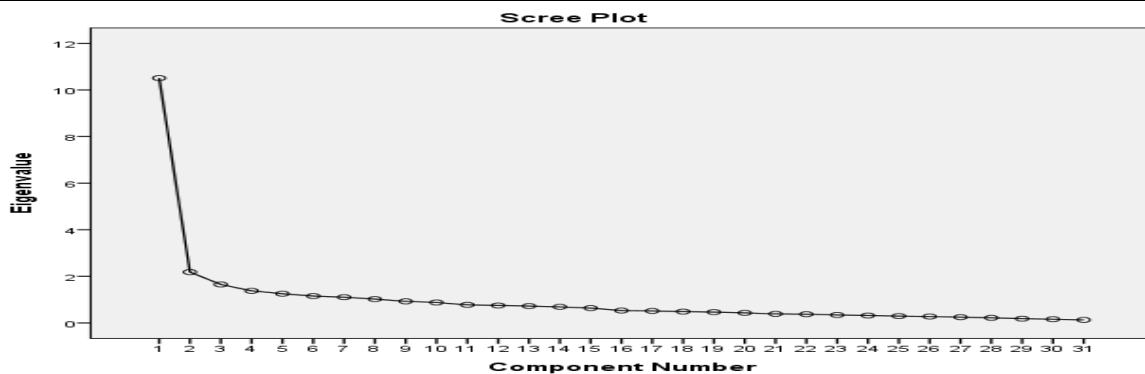
Table No. 4: Total Variance Explained

| Component | Initial Eigenvalues | | | Extraction Sums of Squared Loadings | | | Rotation Sums of Squared Loadings | | |
|-----------|---------------------|---------------|--------------|-------------------------------------|---------------|--------------|-----------------------------------|---------------|--------------|
| | Total | % of Variance | Cumulative % | Total | % of Variance | Cumulative % | Total | % of Variance | Cumulative % |
| 1 | 10.510 | 33.903 | 33.903 | 10.510 | 33.903 | 33.903 | 3.243 | 10.462 | 10.462 |
| 2 | 2.182 | 7.039 | 40.942 | 2.182 | 7.039 | 40.942 | 2.919 | 9.417 | 19.879 |
| 3 | 1.652 | 5.329 | 46.271 | 1.652 | 5.329 | 46.271 | 2.856 | 9.214 | 29.093 |
| 4 | 1.377 | 4.443 | 50.714 | 1.377 | 4.443 | 50.714 | 2.767 | 8.924 | 38.018 |
| 5 | 1.254 | 4.044 | 54.758 | 1.254 | 4.044 | 54.758 | 2.465 | 7.950 | 45.968 |
| 6 | 1.154 | 3.722 | 58.481 | 1.154 | 3.722 | 58.481 | 2.293 | 7.395 | 53.363 |
| 7 | 1.105 | 3.564 | 62.045 | 1.105 | 3.564 | 62.045 | 1.902 | 6.135 | 59.498 |
| 8 | 1.023 | 3.299 | 65.344 | 1.023 | 3.299 | 65.344 | 1.812 | 5.846 | 65.344 |
| 9 | .927 | 2.989 | 68.333 | | | | | | |
| 10 | .878 | 2.832 | 71.165 | | | | | | |
| 11 | .776 | 2.505 | 73.670 | | | | | | |
| 12 | .749 | 2.417 | 76.087 | | | | | | |
| 13 | .723 | 2.334 | 78.420 | | | | | | |
| 14 | .690 | 2.225 | 80.646 | | | | | | |
| 15 | .638 | 2.059 | 82.705 | | | | | | |
| 16 | .531 | 1.713 | 84.418 | | | | | | |
| 17 | .514 | 1.659 | 86.077 | | | | | | |
| 18 | .486 | 1.568 | 87.645 | | | | | | |

| | | | |
|----|------|-------|---------|
| 19 | .466 | 1.504 | 89.150 |
| 20 | .432 | 1.394 | 90.543 |
| 21 | .388 | 1.251 | 91.794 |
| 22 | .375 | 1.210 | 93.004 |
| 23 | .341 | 1.101 | 94.105 |
| 24 | .318 | 1.027 | 95.131 |
| 25 | .294 | .948 | 96.080 |
| 26 | .274 | .885 | 96.965 |
| 27 | .248 | .800 | 97.765 |
| 28 | .220 | .711 | 98.475 |
| 29 | .182 | .588 | 99.064 |
| 30 | .161 | .518 | 99.582 |
| 31 | .130 | .418 | 100.000 |

Extraction Method: Principal Component Analysis.

In this study, eight components have total initial Eigenvalues greater than 1. Those eight components explain 65.344% of the variance. Therefore, it can be concluded that there are eight factors. The above table No.4 shows the proportion of the total variation in the data which is described by eight factor result. The first factor account for $10.510/31 = 33.903\%$, and the second component accounts for $2.182/31 = 7.039\%$. The two component together account for 40.942%, and the total variation in the 31 variables. Hence about 65.344% of total variance in the 31 variables is accountable to the first 8 components. Scree plot diagram also shows the same.



This scree plot reveals that, first eight factors account for maximum of the total variability in data as given by the eigenvalues. The eigenvalues for the first 8 factors are all greater than 1. The remaining factors interpret very small amount of the variability and are not important.

Table 5: Rotated Component Matrixa

| | Component | | | | | | | |
|--|-------------|------|------|------|------|------|------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 16. Prices are affordable | .691 | .173 | .395 | .135 | | .130 | | |
| 13. Discounts and offers on products | .671 | | .101 | | .353 | .120 | .123 | |
| 17. Wide range of choices in price | .596 | | .340 | .318 | | .197 | .188 | .117 |
| 31. Staff knowledge on offers and product availability | .553 | .205 | | | .365 | .134 | .212 | .119 |

| | | | | | | | | |
|---|------|-------------|-------------|-------------|-------------|-------------|-------------|------|
| 28. Promotion of products (Advertisements) | .469 | .198 | | | | .364 | | .344 |
| 38. Satisfied with number of billing desks | | .781 | .132 | | | .162 | .143 | |
| 36. Usage of membership cards in store | .131 | .611 | .269 | | .266 | .289 | | .209 |
| 40. Staff are approachable towards customer requirements | .354 | .608 | .126 | .211 | .133 | | .198 | |
| 39. Carry bags | .506 | .544 | | .156 | | | .259 | |
| 24. Purchasing from supermarkets are beneficial | .206 | .436 | .251 | .319 | .172 | | -.331 | .230 |
| 10. Quality of service | .131 | | .823 | .135 | .104 | .128 | .270 | |
| 12. Quality of products | .153 | .224 | .731 | .258 | | | -.148 | .154 |
| 11. Availability of products | .146 | .142 | .688 | | .185 | .132 | .200 | .257 |
| 23. Variety of products | .167 | | .370 | .314 | .347 | .210 | .119 | .251 |
| 26. Maintenance of store (Cleanliness) | | .153 | .287 | .701 | .264 | | .131 | .178 |
| 33. Availability of wide range of products (Different quantity) | .453 | .104 | .320 | .632 | | | | |
| 32. Availability of the stocks all the time | | .406 | -.120 | .519 | | .375 | | .122 |
| 30. Availability of branded products | .246 | .236 | .178 | .505 | .190 | .328 | -.232 | .128 |
| 25. Availability of quality products | .344 | | .184 | .495 | .234 | .120 | .308 | .118 |
| 22. Parking facility at the store | .183 | .145 | .254 | | .727 | | | .116 |
| 34. Store is spacious | .268 | .132 | | .333 | .622 | | | .102 |
| 35. Arrangement of products are in order | | .266 | .119 | .322 | .559 | .181 | | .183 |
| 27. Availability of EMI Facility | | .110 | .129 | .239 | .216 | .720 | .104 | |
| 29. Exchange facility | .414 | .168 | .119 | | -.108 | .673 | .123 | |
| 37. SMS alerts on offers | | .508 | .127 | | .241 | .522 | .309 | |
| 18. After sales service | .276 | .136 | .135 | .405 | .300 | .409 | .200 | |
| 14. Service from staff | .183 | .141 | .211 | | .133 | .162 | .720 | .167 |

| | | | | | | | | |
|--|------|------|------|------|-------|-------|------|-------------|
| 15. Solving and responding to problems and complaints by staff | .264 | .344 | .153 | .154 | .178 | | | .527 |
| 20. Easiness in finding the products | | .145 | .246 | .320 | .183 | -.112 | .149 | .695 |
| 21. Location of store is convenient | .173 | | .232 | .110 | .352 | | | .683 |
| 19. Waiting time at the payment point | .109 | .197 | | | -.315 | .337 | .497 | .517 |

Extraction Method: Principal Component Analysis.

Rotation Method: Varimax with Kaiser Normalization.^a

a. Rotation converged in 10 iterations.

Table No. 5 exhibits the rotated factor matrix for the constructed questionnaire. Variable with factor loadings of more than 0.45 were selected for the study. Varimax Rotation Method with Kaiser normalization, Factor 1 consists of four items with factor loadings ranges from .553 to .691. The items in Factor 1 are 16,13,17 and 31. Factor 2 comprised of four items with factor loadings ranging from .544 to .781. the items in Factor 2 are 36,38,40 and 39. Factor 3 comprises of three items with factor loading ranges from .688 to .823. The items in factor 3 are 16,12 and 11. Factor 4 comprises of four items with factor loadings ranging from .505 to .701. The items in Factor 4 are 26,33,32 and 30. Factor 5 comprises of three items with factor loadings ranging from .559 to .727. The items in factor 5 are 22, 34 and 35. Factor 6 comprises of three items with factor loadings ranging from The items in factor 6 are .522 to .720. the items in factor 6 are 27,29 and 37. Factor 7 comprises of three items with factor loadings ranging from .52 to .720. The items in factor 7 are 14 and 15. Factor 8 comprises of three items with factor loadings ranging from .517 to .695. The items in factor 8 are 20,21 and 19.

Table No.6: Final Solution of Factors

| Name of the Factor | Items | Factor Load-ings | Eigen Values | Percentage of Variance | Cumulative % |
|---|--|------------------|--------------|------------------------|--------------|
| Factor 1 - Perception on prices, discounts and offers | Prices are affordable | .691 | 10.510 | 33.903 | 33.903 |
| | Discounts and offers on products | .671 | | | |
| | Wide range of choices in price | .596 | | | |
| | Staff knowledge on offers and product availability | .553 | | | |
| Factor 2 : Satisfaction towards services | Number of billing desks | .781 | 2.182 | 7.039 | 40.942 |
| | Usage of membership cards in store | .611 | | | |
| | Staff are approachable towards customer requirements | .608 | | | |
| Factor 3 : Satisfaction towards products | Carry bags | .544 | 1.652 | 5.329 | 46.271 |
| | Quality of service | .823 | | | |
| | Quality of products | .731 | | | |
| Factor 4 : Satisfaction with | Availability of products | .688 | 1.377 | 4.443 | 50.714 |
| | Maintenance of store (cleanliness) | .701 | | | |
| | Availability of extensive range of products | .632 | | | |

| | | | | | |
|---------------------------------|--|------|-------|-------|--------|
| regard to choice of products | Availability of the stocks all the time | .519 | | | |
| | Availability of branded products | .505 | | | |
| | Parking facility at the store | .727 | | | |
| Factor 5 : Store ambiance | Store is spacious | .622 | 1.254 | 4.044 | 54.758 |
| | Arrangements of products are in order | .559 | | | |
| Factor 6 : Value added facility | Availability of EMI facility | .720 | | | |
| | Exchange facility | .673 | 1.154 | 3.722 | 58.481 |
| | Satisfied with SMS alerts on offers | .522 | | | |
| Factor 7 : Prompt response | Service from staff | .720 | | | |
| | Solving and responding to problems and complaints by staff | .527 | 1.105 | 3.564 | 62.045 |
| Factor 8 : Convenience | Waiting time at the payment point | .517 | | | |
| | Location of store is convenient | .683 | 1.023 | 3.299 | 65.344 |
| | Easiness in finding the products | .695 | | | |

Eight new factors were successfully constructed by using factor analysis and assigned as prominent factors affecting Customer visits and purchases. Table No. 6 presents the name of the new identified factors and percentage of variance explained for each factor.

The first factor 'Perception on prices, discounts and offers (F1)' comprises of four items which affecting the visiting and shopping at the DMart store. This factor is the most important factor that makes the customer purchase at DMart. This factor accounts for 33.903% of the changes. The second factor comprises of four components and 7.039% of variance was observed for the factor 'Satisfaction towards services (F2)'. The third factor 'Satisfaction towards products (F3)' accounts for 5.329% of variance with three components in influencing the purchasings at DMart store. The fourth factor ultimately account for 4.443% of variance in influencing 'Satisfaction with regard to choice of products (F4)' with four components. The Fifth factor 'Store ambiance (F5)' comprises of three components and variance was explained by 4.044%. The Sixth factor called as 'Value added facility (F6)' consists of three items with 3.722% of variance. The 'Prompt response (F7)' is seventh factor consists of three items with a variance of 3.564%. The last factor 'Convenience (F8)' is the eighth factor comprises of three items with 3.299% of variance was explained as factor that influences the visits and purchasing at DMart store.

Results suggest that these eight factors identified in the present study could totally predict 65.344% of the change, and those eight factors are highly influencing the customers towards making frequent visits and purchasing at DMart store.

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