#### AN EMPIRICAL STUDY OF MEASUREMENTS ON CUSTOMER SATISFACTION TOWARDS ORDER PROCESSING FOOD DELIVERY APPS IN SMART MOBILES

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Abstract: This paper reports the results of a study designed to identify key aspect of customer satisfactions towards order processing food delivery Apps in smart mobiles, the current study is descriptive in nature. The primary data would be collected from 275 sample responses belonging to a varied group of customers of the order processing food delivery Apps in smart mobiles in the Bengaluru city. Present study consists and the questionnaire two parts. Part-I questionnaire measures the distribution of participants on the bases demographic characteristics and part-II questionnaire measures order processing food delivery Apps in smart mobiles in this study comprise of customer who loves order processing food delivery Apps in smart mobiles in this study comprise of customer who loves order processing food delivery Apps in smart mobiles in Bengaluru. This study is undertaken, Descriptive Statistics, Reliability analysis the hypothesis has been tested by using one-way ANOVA analysis.

# INTRODUCTION TO SMART MOBILE FOOD DELIVERY APPS

Modern technology and innovation are playing a major role in Day -to-Day customer lifestyle is change. Customer want to live his life differently with more perception and expectation on purchase the product and services. Development of technology and high -speed internet facilities with this there is increasing large population to use smart phones in India. The first restaurant food delivery service in the world began in 1995 with Worldwide Waiter and still operates today as Waiter.com. The top three restaurant food delivery services are DoorDash, GrubHub, and UberEats. Swiggy is India's largest and highestvalued online food ordering and delivery platform founded in 2014. The number of smart phone users in India was estimated to reach over 760 million in 2021, with the number of smart phone users worldwide forecasted to exceed to 3.8 billion users in 2021. Today customer is downloading Mobile App from play store for selecting and pay bill electricity, buying grocery products and food delivery to your doorstep.

Food delivery apps is a new business unit in the ecommence division. It can bridge the gaps between customer and food restaurants. As the trend is observed in the Indian metropolitan cities many of them in the age Youth is attracting more in smart mobile food delivery apps. Food delivery Apps can give help to the customers in food menu under different categories that provide unlimited food delivery service anytime. It can get Coupons, offers and discount; Promo Codes which can be encourage the customer to order to food delivery apps. Smart mobile food delivery Apps of millions of people in Indian as per their convenience to getting their food delivered when the customer will order the food in mobile app.

# **REVIEW OF LITERATURE**

Dr. S. Preetha and S.Iswarya (2019) discussed in his article entitled "An Analysis of User Convenience towards Food Online Order and Delivery Application (FOOD App via Platforms)" the technology is supported of good information about quality, service, taste and price to use order food using Platform-to-consumer delivery app- The FOOD mobile app.

Rituparna Ghosh and Tapash Ranjan Saha (2018) based on the study "A Study of e-payment system on food delivery industry: A case study on swiggy" Order Food Online or through an App is a new concept in India, this study will help the industry as well as the new entrepreneur to formulate marketing strategies in such a way that they can increase the

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volume of sale. Miss. Mrs.I.Karthika, A.Manojanaranjani (2018) in the research study has stated that Consumer can now purchase goods and services virtually anywhere, 24 hours a day, 7days a week. without geographical and temporal boundaries. The goal is to save time of customers by providing facilities like vacancy list at reception, digital food ordering, instant e-billing and fast parking service which will result in consumer satisfaction and ultimately profit the restaurant.

Aparna Anib, Gayathri.A and Shabu K.R. (2019) in this research paper title "Consumer Perception towards Swiggy Digital Food Application Service: An Analytical Study with Special Reference to Ernakulam City" food ordering and delivery is very successful because it bridges the gap between restaurants and consumers. It is a process where a customer will search for a restaurant and filter with the available items, cuisines and they deliver by an application in the mobile phone.

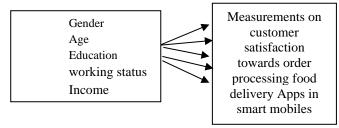
Dr. Sonali Jadhav (2018) in this study This style of food delivery is gaining popularity with more and more people especially the younger generation turning to mobile food ordering apps, thereby changing the way food is delivered and picked up. market is growing in leaps and bounds due to growing urbanization, increasing disposable income, working women and rapid increase in the use of smart phones.

While new restaurants are coming up and technology being the need of the hour, India is dominating delivery market of the world.

# **OBJECTIVES OF THE STUDY**

- To identify the various categories of Demographic factors and variables impacting on customer satisfactions towards order processing food delivery Apps in smart mobiles Bengaluru city in India
- To study the impact of Demographic factors customer satisfactions towards order processing food delivery Apps in smart mobiles Bengaluru City India.

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# **RESEARCH METHODOLOGY**

In order to accomplish the objective of the study to collect data for this research study, both primary and secondary sources were used. Secondary data collected through the researcher-reviewed articles related to research objective that appeared in the literature, journals, scholarly key reports, magazines, and proceeding were systematically scanned for articles related to the research topic. Primary data collected through an empirical investigation, online survey was conducted, using a structure questionnaire. Present study consists and the questionnaire two parts. Part-I questionnaire measures the distribution of participants on the bases demographic characteristics and part-II questionnaire measures Measurements on customer satisfaction towards order processing food delivery Apps in smart mobiles on a five-point scale ranging from (i) strongly disagree to (5) "strongly agree" Sample was collected on the basis of nonprobabilistic convenience sampling method. The population in this study comprise of customer who loves food delivery Apps mobile at Bengaluru. It is decided to choose in order to collect the data a through online survey structured questionnaire was farmed Questionnaires were distributed amongst the sample of 300 But received 275 customers respondents of food delivery Apps mobile in January - February 2020. The data was collected tying a survey and interpretation through to check the reliability of the data Cronbach alpha test was applied in order to find out the most preferable food delivery Apps mobile view point Sample percentage method and one -way ANOVA analysis was applied. All the analysis was carried out by SPSS 24.0.

#### **RESEARCH HYPOTHESES**

 $H_{01}$ : There is no significant variance between customer satisfactions towards order processing

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food delivery Apps in smart mobiles among the Gender group

 $H_{02}$ : There is no significant variance between customer satisfactions towards order processing food delivery Apps in smart mobiles among the Age group

H<sub>03</sub>: There is no significant variance between customer satisfactions towards order processing food delivery Apps in smart mobiles among the Education group

H<sub>04</sub>: There is no significant variance between customer satisfactions towards order processing food delivery Apps in smart mobiles among the working status

 $H_{05}$  There is no significant variance between customer satisfactions towards order processing food delivery Apps in smart mobiles among the income group

# ANALYSIS AND INTERPRETATIONS-DEMOGRAPHIC PROFILE

|                | Frequency | Percent |
|----------------|-----------|---------|
| Gender         |           |         |
| Male           | 156       | 56.7    |
| Female         | 119       | 43.3    |
| Age            |           |         |
| 20-25          | 49        | 17.8    |
| 26-35          | 87        | 31.6    |
| 36-45          | 88        | 32.0    |
| 46-60          | 19        | 6.9     |
| 60-Above       | 32        | 11.6    |
| Education      |           |         |
| Undergraduate  | 7         | 2.5     |
| Graduate       | 72        | 26.2    |
| Postgraduate   | 196       | 71.3    |
| Working status |           |         |
| Employee       | 115       | 41.8    |
| Employer       | 58        | 21.1    |
| House wife     | 38        | 13.8    |
| Student        | 44        | 16.0    |
| Retired        | 9         | 3.3     |
| self-Employed  | 11        | 4.0     |

#### Table 1: Demographic profile

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|-------------------|-----|------|
| Monthly income    |     |      |
| Less than- 10000  | 13  | 4.7  |
| 10001-20000       | 22  | 8.0  |
| 20001-30000       | 57  | 20.7 |
| 30001-40000       | 53  | 19.3 |
| 40001-50000       | 80  | 29.1 |
| 50001-60000       | 50  | 18.2 |
| Total             | 275 | 100  |

The study has found that out of 275 respondents, 275 (56.7%) male and N =100 (43.3%) females respectively at order processing food delivery Apps in smart mobiles Bengaluru city. Hence it can be interpreted that men are more inclined than women in order processing food delivery Apps in smart mobiles.

The study has found out of 275 respondents, 88 (32.0 %) customers are in age group of Below 36-45 years, 87 (31.6 %) respondents are in age group of 26-35 Years, 49 (17.8 %) respondents are in age group of 20 -25 Years, 32 (11.6%) respondents are in the age group of above 46-60 Years and 19 (6.9 %) respondents are in the age group of 36-45 Years, 26-35 Years and 20-25 years are the age groups interested order processing food delivery Apps in smart mobiles.

It is observed from the study that among 275 respondents, 196 (71.3 %) respondents are having post graduates education, 72 (26.2 %) respondents are graduates and 7 (2.5%) respondents are undergraduates. Hence it can be observed that respondents with post-graduation and graduation studies are more visit order processing food delivery Apps in smart mobiles. Educations play an imported role to give preferences and expectations order processing food delivery Apps in smart mobiles at Bengaluru in India.

From the study Employee 115 (41.8%), Employer 58 (21.1%), student 44 (16.0%) Housewife 38 (13.8%), Retired 9 (3.3%) and self-employed 11 (4.0%). Hence it can be understood that salaried employees, employer, students, and Housewife to make happy and joy order processing food delivery Apps in smart mobiles at Bengaluru in India.

Most of the respondents belong to income groups,80 (29.1 %) respondents have monthly income Up to Rs.40,001- 50,000, 57 (20.7 %) respondents are having monthly income of Rs. 20,001-30,000, 53 (19.3 %) respondents are having monthly income of Above Rs.30,001-40,000. Hence it can be

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understood that monthly income group of above Rs 40,001-50,000 and followed by Rs 20,001 to 30,000 and 30,001-40,000 are the sample mostly represents the middle-class income preferred to visit order processing food delivery Apps in smart mobiles at Bengaluru in India.

#### Table 2

| Do you have smart mobile                |     |      |
|---|-----|------|
| Yes                                     | 259 | 94.2 |
| No                                      | 16  | 5.8  |
| Do you like order food in               |     |      |
| smart mobile                            |     |      |
| Yes                                     | 249 | 90.5 |
| No                                      | 26  | 9.5  |
| What food do you order                  |     |      |
| in smart mobile                         |     |      |
| Veg                                     | 71  | 25.8 |
| Non-Veg                                 | 68  | 24.7 |
| Both                                    | 136 | 49.5 |
| which foods you like                    |     |      |
| North Indian                            | 73  | 26.5 |
| south Indian                            | 91  | 33.1 |
| Both                                    | 111 | 40.4 |
| which variety of food do                |     |      |
| you order at food delivery              |     |      |
| app in smart mobile                     |     |      |
| Tiffen                                  | 15  | 5.5  |
| Meals                                   | 40  | 14.5 |
| Snacks                                  | 30  | 10.9 |
| ice cream                               | 23  | 8.4  |
| Biryani                                 | 61  | 22.2 |
| Cakes                                   | 11  | 4.0  |
| Pizza                                   | 71  | 25.8 |
| Donut                                   | 24  | 8.7  |
| what days do you order                  |     |      |
| food in food delivery                   |     |      |
| APPs                                    |     |      |
| Normal days                             | 119 | 43.3 |
| Weekends                                | 156 | 56.7 |
| what time do you order                  |     |      |
| food in a day smart                     |     |      |
| Mobile                                  | 0.5 |      |
| Morning time                            | 26  | 9.5  |
| Afternoon time                          | 89  | 32.4 |
| Evening time                            | 50  | 18.2 |
| Night time                              | 110 | 40.0 |
| How many people do you                  |     |      |
| order food in food                      |     |      |
| delivery APPs                           | 17  | ()   |
| Alone                                   | 17  | 6.2  |
| 2-3                                     | 121 | 44.0 |
| 4-5                                     | 93  | 33.8 |
| above-6                                 | 44  | 16.0 |
| What occasion do you                    |     |      |
| order the food in food<br>delivery APPs |     |      |
| uchvery Arrs                            |     |      |

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|---------------------------|-----|------|
| Business Meeting          | 27  | 9.8  |
| Special occasion          | 68  | 24.7 |
| (birthday,Marriage        |     |      |
| anniversary Etc)          |     |      |
| Festival                  | 49  | 17.8 |
| Get together Meeting      | 57  | 20.7 |
| Holiday                   | 74  | 26.9 |
| which Restaurants do you  |     |      |
| like to take food in food |     |      |
| delivery APPs             |     |      |
| Brand Restaurants         | 161 | 58.5 |
| Local Restaurants         | 51  | 18.5 |
| Fast foods                | 44  | 16.0 |
| Home Made                 | 19  | 6.9  |
| Order of the food at food |     |      |
| delivery APPs in smart    |     |      |
| Mobile                    |     |      |
| Daily                     | 63  | 22.9 |
| Weekly                    | 180 | 65.5 |
| Monthly                   | 32  | 11.6 |
| No of time you order food |     |      |
| at food delivery APPs in  |     |      |
| smart mobile per month    |     |      |
| 1-4 times                 | 151 | 54.9 |
| 5-8 times                 | 97  | 35.3 |
| 9 –above                  | 27  | 9.8  |
| How much money do you     |     |      |
| spend to purchase food in |     |      |
| food delivery APPs        |     |      |
| 1-500                     | 14  | 5.1  |
| 501-1000                  | 109 | 39.6 |
| 1001-2000                 | 92  | 33.5 |
| 2000-Above                | 60  | 21.8 |
| Mode of payment           |     |      |
| Cash in hand              | 31  | 11.3 |
| Debit card                | 48  | 17.5 |
| credit card               | 72  | 26.2 |
| Net banking               | 43  | 15.6 |
| Wallet (Paytm , Phonepe)  | 81  | 29.5 |
| Sources of Awareness on   |     |      |
| food delivery             |     |      |
| Friends                   | 34  | 12.4 |
| Family                    | 32  | 11.6 |
| T.V                       | 38  | 13.8 |
| Radio                     | 24  | 8.7  |
| Newspapers                | 52  | 18.9 |
| Internet                  | 75  | 27.3 |
| Magazines                 | 20  | 7.3  |
| Total                     | 275 | 100  |
|                           |     |      |

- The study found that out of 275 respondents 259 (94.2%) to like smart mobile and 16 (5.8%) negligible to like smart mobile.
- From the research study out of 275 respondent 249 (90.5%) like order food in smart mobile 26(9.5) not like order food in smart mobile.
- From the research study results 136 (49.5 %) Both Veg

   Non-Veg, 71 (25.8%) non-Veg, and 68 (24.7%) like order food in smart mobile. Results indicated most of the respondent understands the preferences order food in smart mobile Both Non Veg.
- The results show the respondents are showing the interest 111 (40.4%) like food both, 91 (33.1) like food south Indian and 73 (26.5) like food North Indian• customer can show to like order food in smart mobile. Form the research study Customer showing much more interest both North Indian and south Indian like order food in smart mobile.
- The research study respondents are preferring variety of food Pizza 71(25.8%), biryani 61 (22.2%), Meals• 40 (14.5%), Snacks 30 (10.9%), Donuts 24 (8.7%) and ice cream 23 (8.4%) order at food delivery apps in smart mobile. Most of the respondents are showing interest on biryani, Meals, snacks, and Donuts in order at food delivery apps in smart Mobile.
- The results show the 275 respondents are showing the• interest 156 (56.7 %) customer can show to visit the order food delivery apps in smart Mobile at weekend days and 119 (43.3%) visit the order food delivery apps in smart Mobile in weekend. From the research study Customer showing much more interest weekend's day's to orders food delivery apps in smart Mobile.
- From this research analysis 275 respondents stated that
   time you like to order food delivery apps in smart
   Mobile per a day that is Morning times 26 (9.5%),
   afternoon time 89 (32.4 %), Evening time 50 (18.2 %)
   and Night-time 110 (45.0 %). Most of the customers'
   orders food delivery apps in smart Mobile per day at
   afternoon and Night-time.
- The research study 275 respondents, 17 (6.2 %) Alone, 2-3 people 121(44.0%), 4-5 people 93(33.8%) and 44 (16.0 %) no of people do you order food in food delivery APPs. Most of the customers' orders food delivery apps in smart Mobile number of per day is 2-3 people and 4-5 people.
- Number of the 275 respondents are prefer occasion to order the food in food delivery apps Business Meeting

27(9.8%), Special occasion (birthday, Marriage anniversary Etc) 68(24.7%), Festival 49(17.8%), Get together Meeting 57 (20.7%) and Holiday 74 (26.9%). Majority of customer like in occasion to order the food in food delivery apps holidays and special occasion (birthday, Marriage anniversary Etc).

Majority of the 275 respondents are prefer the restaurant like to take food in food delivery apps Brand Restaurants 161(58.5%) Local Restaurants 51(18.5%) Fast foods 44(16.0%) and homemade 19(6.9%). Most of customer is like to take restaurants order the food in food delivery apps Brand Restaurants, Local Restaurants and Fast foods.

In the research study 275 respondents are Order of the food at food delivery APPs in smart Mobile Daily 63(22.9%), Weekly 180 (65.5%) and Monthly 32 (11.6%). Most of the respondents are preferring to order the food in food delivery apps that is weekly and daily.

The research study 275 identified that order the food in food delivery apps in month, 1-4 times 151 (54.9. %), 5-8 times 97 (35.3%), and 9-above times 27 (9.8 %). Most respondents are showing to order the food in food delivery apps at 1-4 times and 5-8 times respectively.

The study found that 275 respondents that spend money do you purchase food in food delivery apps 1-500 rupees 14(5.1%),501-1000 rupees 109 (39.6%), 1001-2000 rupees 92 (33.5%) and 2001-above rupees 60 (21.8%). As per research study most of the customers 501-1000 rupees and 1001-2000 rupees are spend money do you purchase food in food delivery apps.

From the research analysis 275 respondent stated mode of payment cash in delivery 31 (11.3%), debit card 48(17.5%), credit card 72 (26.2%), Net banking 43 (15.6%) and wallet 81 (29.5%). Respondent shows interest to making payment Wallet (Paytm, Phonepe) and credit card order the food in food delivery apps.

Majority of 275 respondents get sources of awareness in food delivery apps through friends 34(12.4%), family Members 32(11.6%), T. V 38 (13.8%), Radio 24(8.7%), Newspaper 52(18.9%) internet 75(27.3%), and magazines 20 (7.3%). From this study customer get more awareness in order in food by internet, newspapers, and T.V.

| Table 3               |  |  |  |  |  |  |  |  |
|-----------------------|--|--|--|--|--|--|--|--|
| No. of<br>Respondents | Percentage   |  |  |  |  |  |  |  |
| 75                    | 19.2   |  |  |  |  |  |  |  |
| 66                    | 16.8   |  |  |  |  |  |  |  |
| 29                    | 7.41   |  |  |  |  |  |  |  |
| 57                    | 14.5   |  |  |  |  |  |  |  |
| 41                    | 10.5   |  |  |  |  |  |  |  |
| 40                    | 10.2   |  |  |  |  |  |  |  |
| 13                    | 3.3  |  |  |  |  |  |  |  |
| 11                    | 2.8  |  |  |  |  |  |  |  |
| 10                    | 2.5  |  |  |  |  |  |  |  |
| 9                     | 2.3  |  |  |  |  |  |  |  |
| 8                     | 2.0  |  |  |  |  |  |  |  |
| 32                    | 8.2  |  |  |  |  |  |  |  |
|                       | No. of<br>Respondents           75           66           29           57           41           40           13           11           10           9           8 |  |  |  |  |  |  |  |

# Which food delivery App you like smart Mobile:

Source: Primary Data

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In the research statement all the respondents are like food delivery apps Swiggy 75 (19.2%), Zomato 66 (16.8%), Food panda 57 (14.5), Domino's 41(10.5%), pizza Hut 40 (10.2%), (Multiple responses, total do not add up to 100). Most of the customer are like food delivery apps in smart mobile that is Swiggy, Zomato and food panda.

# **Reliability Statistics**

**Table 4: Reliability Statistics** 

| Cronbach's Alpha | N of Items |
|------------------|------------|
| 0.672            | 24         |

The reliability of data was checked through Cronbach alpha test the value of alpha for the data was 0.672. 0.6-0.7 indicates an acceptable level of reliability.

| Descriptive Statistics                                     |             |                             |           |            |           |            |
|--|-------------|-----------------------------|-----------|------------|-----------|------------|
| -  | Table 5: De | escriptive St               | atistics  |            |           |            |
|  | Mean        | Mean Std. Skewness Kurtosis |           |            | rtosis    |            |
|  | Statistic   | Statistic                   | Statistic | Std. Error | Statistic | Std. Error |
| Helpline 24x7  | 3.80        | 1.117                       | 658       | .147       | 421       | .293       |
| In food delivery Apps Order will cancellation              | 3.52        | 1.102                       | 430       | .147       | 500       | .293       |
| payment history  | 3.62        | .980                        | 252       | .147       | 437       | .293       |
| Secure and Safety measures are taken in food delivery apps | 4.06        | 1.072                       | -1.172    | .147       | .773      | .293       |
| Live tracking (where is my order)                          | 3.77        | 1.024                       | 446       | .147       | 740       | .293       |
| Food Menu  | 3.47        | 1.058                       | 329       | .147       | 746       | .293       |
| Tasty of food  | 3.55        | 1.007                       | 275       | .147       | 421       | .293       |
| Customer services  | 4.09        | .979                        | 818       | .147       | 193       | .293       |

.966

-.670

.147

3.73

Special Menu delivery

.293

.118

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| Time saving factor                             | 3.96 | .981  | 862 | .147 | .407   | .293 |
|--|------|-------|-----|------|--------|------|
| In Time delivery                               | 3.68 | 1.158 | 666 | .147 | 330    | .293 |
| Cost saving                                    | 3.41 | 1.302 | 355 | .147 | -1.095 | .293 |
| Convenience                                    | 3.60 | 1.204 | 367 | .147 | -1.068 | .293 |
| Any Complaint                                  | 3.78 | 1.129 | 703 | .147 | 385    | .293 |
| Comfortable Prices                             | 3.91 | .987  | 689 | .147 | 206    | .293 |
| Better Quality of food                         | 4.07 | .871  | 870 | .147 | .591   | .293 |
| Any discount                                   | 3.92 | 1.008 | 916 | .147 | .511   | .293 |
| Food delivery platforms Charges                | 3.93 | .983  | 737 | .147 | 111    | .293 |
| Feedback                                       | 4.10 | .889  | 791 | .147 | .208   | .293 |
| Billing  | 4.00 | .771  | 523 | .147 | .319   | .293 |
| Delivery person services                       | 3.89 | 1.014 | 696 | .147 | 064    | .293 |
| Packaging                                      | 3.87 | .936  | 347 | .147 | 830    | .293 |
| Time of Transportation                         | 3.70 | 1.083 | 495 | .147 | 324    | .293 |
| Offers and coupons                             | 3.87 | .881  | 394 | .147 | 411    | .293 |
| Few items missing when the order was delivered | 4.04 | .905  | 763 | .147 | .141   | .293 |

## Sources: SPSS.21 /STATISTICS=STDDEV MEAN SKEWNESS SESKEW KURTOSIS

The variables considered for measurement of turnover intentions on 5-point scale ranging from 1 to 5. The mean values of these 25 items varied from 3.41 to 4.10 and standard deviation values range from 0.771 to 1.302. Skewness values have a range of -0.252 to -1.172 and kurtosis values range from -0.064 to, -1.095 is considered excellent for most pyenometric purposes, but a value between +2.0 is also acceptable indicating the normality of the data. Normally distributed as they are perfectly skewed with values between 1 and -1 and presented in Table No. The data is ready for psychometric analysis it is proved to be significant.

| Table 6: One –way ANOVA                    |       |      |       |      |       |      |       |      |       |      |
|--|-------|------|-------|------|-------|------|-------|------|-------|------|
| Gender Age Education Working Status Income |       |      |       |      |       |      |       |      |       |      |
|  | F     | Sig  |
| Helpline 24x7                              | .008  | .931 | .564  | .689 | .697  | .499 | 2.457 | .034 | .741  | .594 |
| In food delivery Apps                      | .000  | .989 | .527  | .716 | .190  | .827 | 1.001 | .417 | .313  | .905 |
| Order will cancellation                    |       |      |       |      |       |      |       |      |       |      |
| payment history                            | .101  | .751 | 1.325 | .261 | .509  | .602 | 1.704 | .134 | .452  | .812 |
| Secure and Safety                          | 2.213 | .138 | 3.657 | .016 | 4.006 | .089 | 1.631 | .152 | 1.578 | .167 |
| measures are taken in                      |       |      |       |      |       |      |       |      |       |      |
| food delivery apps                         |       |      |       |      |       |      |       |      |       |      |
| Live tracking (where is                    | .007  | .934 | .399  | .810 | .066  | .936 | .486  | .786 | .829  | .530 |
| my order)                                  |       |      |       |      |       |      |       |      |       |      |
| Food Menu                                  | .001  | .977 | .875  | .479 | .724  | .486 | .998  | .419 | 1.322 | .255 |
| tasty of food                              | .163  | .687 | .357  | .839 | .394  | .674 | 1.243 | .289 | 1.120 | .350 |

#### One –way ANOVA

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| customer services        | 1.304 | .255 | 1.264 | .285 | .709  | .493 | .950  | .449 | 1.934 | .089 |
|--------------------------|-------|------|-------|------|-------|------|-------|------|-------|------|
| Special Menu delivery    | .003  | .959 | .776  | .542 | 2.390 | .094 | .546  | .741 | 2.146 | .060 |
| Time saving factor       | .170  | .680 | .912  | .457 | 1.099 | .335 | 1.174 | .322 | 1.050 | .389 |
| In Time delivery         | .445  | .505 | .798  | .527 | .430  | .651 | .967  | .438 | .454  | .810 |
| Cost saving              | 1.190 | .276 | .629  | .642 | 1.221 | .297 | .305  | .910 | 2.242 | .051 |
| Convenience              | .071  | .791 | 1.848 | .120 | .464  | .629 | .715  | .612 | 1.144 | .338 |
| Any Complaint            | 2.420 | .121 | 1.227 | .300 | 2.910 | .056 | 1.155 | .332 | .695  | .628 |
| Comfortable Prices       | .120  | .729 | 2.388 | .051 | 2.281 | .104 | .532  | .752 | 1.869 | .100 |
| Better Quality of food   | .096  | .757 | .731  | .572 | 1.296 | .275 | 1.199 | .310 | 1.206 | .307 |
| Any discount             | .824  | .365 | 2.382 | .052 | .832  | .436 | .279  | .925 | 1.332 | .251 |
| Food delivery platforms  | .007  | .936 | .664  | .618 | 1.982 | .140 | .564  | .728 | .866  | .504 |
| Charges                  |       |      |       |      |       |      |       |      |       |      |
| Feedback                 | .002  | .966 | 2.086 | .083 | .118  | .889 | 1.135 | .342 | 1.386 | .230 |
| Billing                  | 1.031 | .311 | .617  | .651 | .456  | .634 | .498  | .778 | .527  | .756 |
| delivery person services | 2.242 | .135 | 3.927 | .094 | 1.816 | .165 | .590  | .708 | .447  | .815 |
| Packaging                | 2.444 | .119 | 1.131 | .342 | .814  | .444 | 1.524 | .182 | 1.566 | .170 |
| Time of Transportation   | 2.317 | .129 | .647  | .629 | 1.292 | .276 | 1.137 | .341 | .447  | .815 |
| Offers and coupons       | .025  | .875 | .331  | .857 | .017  | .983 | .302  | .911 | 2.583 | .027 |
| Few items missing when   | .255  | .614 | .492  | .742 | .114  | .893 | .451  | .812 | 2.297 | .046 |
| the order was delivered  |       |      |       |      |       |      |       |      |       |      |

 $H_{01}$ : There is no significant variance between customers satisfactions towards order processing food deliver Apps in smart mobiles among the Gender group.

One -way ANOVA is in order to know about the gender has any significant variance between customer satisfactions towards order processing food delivery Apps in smart mobiles. From the above table, p value is found to be Helpline 24x7 0.931, In food delivery Apps Order will cancellation 0.989, payment history 0.751, Secure and Safety measures are taken in food delivery apps 0.138, Live tracking (where is my order) 0.934, Food Menu 0.977, tasty of food 0.687, customer services 0.255, Special Menu delivery 0.959, Time saving factor 0.680, In Time delivery0.505, Cost saving 0.276, Convenience 0.791, Any Complaint 0.121, Comfortable Prices 0.729, Better Quality of food 0.757, Any discount 0.365, food delivery platforms Charges 0.936, Feedback 0.966, Billing 0.311, delivery person services 0.135, Packaging 0.119, Time of Transportation 0.129, Offers and coupons 0.875,

Few items missing when the order was delivered 0.614 which is greater than 0. 05. Hence, null hypothesis (H0) is accepted. That means gender Therefore, there is no significant variance between customer satisfactions towards order processing food delivery Apps in smart mobiles.

H<sub>02</sub>: There is no significant variance between customer satisfactions towards order processing food delivery Apps in smart mobiles among the Age group.

From this ANOVA table 4, it is observed that the significant calculated are Helpline 24x7 0.689, In food delivery Apps Order will cancellation 0.716, payment history 0.261, Secure and Safety measures are taken in food delivery apps 0.016, Live tracking (where is my order ) 0.810, Food Menu 0.479, tasty of food 0.839, customer services 0.285, Special Menu delivery 0.542, Time saving factor 0.457, In Time delivery 0.527, Cost saving 0.642, Convenience 0.120, Any Complaint 0.300, Comfortable Prices 0.051, Better Quality of food 0.572, Any discount

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0.052, food delivery platforms Charges 0.618, Feedback 0.083, Billing 0.651, delivery person services 0.094, Packaging 0.342, Time of Transportation 0.629, Offers and coupons 0.857, Few items missing when the order was delivered 0.742 for all the influencing customer satisfactions factors which are greater than the significant (P > 0.05). Hence, null hypothesis (H0) is accepted. That means age; therefore, there is no significant variance between customer satisfactions towards order processing food delivery Apps in smart mobiles.

H<sub>03</sub>: There is no significant variance between customer satisfactions towards order processing food delivery Apps in smart mobiles among the Education group.

One way ANOVA is to know about education level has any significant variance between customer satisfactions towards order processing food delivery Apps in smart mobiles. The significant level P-value of ANOVA is show table .since p= Helpline 24x7 0.499, In food delivery Apps Order will cancellation 0.827, payment history 0.602, Secure and Safety measures are taken in food delivery apps 0.089, Live tracking (where is my order ) 0.936, Food Menu 0.486, tasty of food 0.674, customer services 0.493, Special Menu delivery 0.094, Time saving factor 0.335, In Time delivery 0.651, Cost saving 0.297, Convenience 0.629, Any Complaint 0.056, Comfortable Prices 0.104, Better Quality of food 0.275, Any discount 0.436, food delivery platforms Charges 0.104, Feedback 0.889, Billing 0.634, delivery person services 0.165, Packaging 0.444, Time of Transportation 0.276, Offers and coupons 0.983, Few items missing when the order was delivered 0.893 customer satisfactions towards order processing factors which are greater than the significant (P > 0.05) Hence, null hypothesis (H0) is accepted. That means education; therefore, there is no significant variance between customer satisfactions towards order processing food delivery Apps in smart mobiles.

 $H_{04}$ : There is no significant variance between customer satisfactions towards order processing

food delivery Apps in smart mobiles among the working status.

From this One -way ANOVA table , it is observed that the significant calculated are for all the influencing p= Helpline 24x7 0.034, In food delivery Apps Order will cancellation 0.417, payment history 0.134, Secure and Safety measures are taken in food delivery apps 0.152, Live tracking (where is my order ) 0.786, Food Menu 0.414, tasty of food 0.289, customer services 0.449, Special Menu delivery 0.741, Time saving factor 0.322, In Time delivery 0.438, Cost saving 0.910, Convenience 0.612, Any Complaint 0.332, Comfortable Prices 0.752, Better Quality of food 0.310, Any discount 0.925, food delivery platforms Charges 0.728, Feedback 0.342, Billing 0.778, delivery person services 0.708, Packaging 0.182, Time of Transportation 0.341, Offers and coupons 0.911, Few items missing when the order was delivered 0.812 customer satisfactions towards order processing factors which are greater than the significant (P >0.05) Hence, null hypothesis (H0) is accepted. That means working status; therefore, there is no variance significant between customer satisfactions towards order processing food delivery Apps in smart mobiles.

 $H_{05}$  There is no significant variance between customer satisfactions towards order processing food delivery Apps in smart mobiles among the income group.

From this income group One -way ANOVA table , it is observed that the significant calculated are for all the influencing p= Helpline 24x7 0.594, In food delivery Apps Order will cancellation 0.905, payment history 0.812, Secure and Safety measures are taken in food delivery apps 0.167, Live tracking (where is my order ) 0.530, Food Menu 0.255, tasty of food 0.350, customer services 0.089, Special Menu delivery 0.060, Time saving factor 0.389, In Time delivery 0.810, Cost saving 0.051, Convenience 0.338, Any Complaint 0.628, Comfortable Prices 0.100, Better Quality of food 0.307, Any discount 0.251, food delivery platforms Charges 0.504, Feedback 0.230, Billing 0.756, delivery person services 0.815, Packaging 0.170, Time of Transportation 0.875,

Offers and coupons 0.027, Few items missing when the order was delivered 0.046 customer satisfactions towards order processing factors which are greater than the significant (P > 0.05) Hence, null hypothesis (H0) is accepted. That means income group; therefore, there is no significant variance between customer satisfactions towards order processing food delivery Apps in smart mobiles.

#### Table 7: Hypotheses

| NO              | Hypotheses   | Results      | Tools                   |
|-----------------|--|--------------|-------------------------|
| •               |  |              |                         |
| H <sub>01</sub> | There is no significant<br>variance between<br>customer satisfactions<br>towards order processing<br>food delivery Apps in<br>smart mobiles among the                              | Accept<br>ed | one<br>way<br>ANOV<br>A |
| H <sub>02</sub> | Gender group<br>There is no significant<br>variance between<br>customer satisfactions<br>towards order processing<br>food delivery Apps in<br>smart mobiles among the<br>age group | Accept<br>ed | one<br>way<br>ANOV<br>A |
| H <sub>03</sub> | There is no significant<br>variance between<br>customer satisfactions<br>towards order processing<br>food delivery Apps in<br>smart mobiles among the<br>education group           | Accept<br>ed | one<br>way<br>ANOV<br>A |
| H <sub>04</sub> | There is no significant<br>variance between<br>customer satisfactions<br>towards order processing<br>food delivery Apps in<br>smart mobiles among the<br>working status group      | Accept<br>ed | one<br>way<br>ANOV<br>A |
| H <sub>05</sub> | There is no significant<br>variance between<br>customer satisfactions<br>towards order processing<br>food delivery Apps in<br>smart mobiles among the<br>income level group        | Accept<br>ed | one<br>way<br>ANOV<br>A |

## CONCLUSION

The measurements of customer satisfaction towards order processing food delivery Apps in smart mobiles. The retailers should see the order processing food delivery Apps in smart mobiles and to build a long-term relationship with services provided by food delivery apps retailer to the customers. Food Retailers apps play a major role to identify expectations and perception are created in the mind of customer. Smart mobiles food delivery retailers should take into consideration and understanding the customers touch points in customer satisfaction levels. Even through the food delivery apps retailer were making adequate efforts there are some factors where the salient or unsatisfied levels are made clear and improve some measures those levels to bridge the gap to build long term relationship enhances customers satisfaction.

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