A PROJECT ON

SOCIO-ECONOMIC STATUS OF T. Y. B.Sc STUDENTS OF Z.B. PATIL COLLEGE

PRESENTED BY

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In Partial Fulfillment of degree

B.Sc (Statistics)

Academic Year 2017-2018

Under the guidance of

Prof. G.T.Pedram

"Department of Statistics"

(Z. B. Patil College, Dhule)

CERTIFICATE

This is to certify that a project on

Socio economic status of T.Y. B.Sc. Students

Submitted by,

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T.Y.B.Sc (Statistics), Zulal Bhilajirao Patil College, Dhule has satisfactorily completed the project work in academic year 2017-2018 under the Guidance of

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<u>Introduction</u>

Socioeconomic Status

A family's socio economic status (SES) is based on family income, parental education level, parental occupation, and social status in the community (such as relationship within the community, group associations, and the community's perception of the family). Families with the high socio economic status often have more success in preparing their young children for school because they typically have access to a wide range of resources to promote and support young children's development. They are able to provide their young children with high-quality childcare, books and toys to encourage children in various learning activities at home. In addition, they have easy access to information regarding their children's health, as well as social economical and cognitive development. In addition, families with high socioeconomic status often seek out information to help them better prepare their young children for school.

Definition :-

Socioeconomics or socio- economics is the study of the relationship between economic activity and social life. It measure which attempts to classify individuals, families, or households in terms of indicators such as occupation, income and education.

SES is an economic and sociological combined total measure of a person's work experience and of an individual's or family's economic and social position relative to others, based on income earners education and occupation. When analyzing a families SES, the household income earner's education and occupation are examined, as well as combined income, versus with an individual, when their own attributes are assessed.

Socioeconomic status is typically broken into three categories, high SES, middle SES, and low SES to describe the three areas, a family or an individual may fall into. When placing a family or individual into one of these categories any or all of the three variables (income, education and occupation) can be assessed. A fourth variable, wealth, may be examined when determining socioeconomic status.

Main factors :-

1. Income:-

Income refers to wages, salaries, profit, rents, and any flow of earnings received. Income can be looked at in two terms, relative and absolute. Absolute income, as theorized by economist John Maynard Keynes, is the relationship in which as income increases, so will consumption, but not at the same rate. Relative income dictates a person or family's savings and consumption based on the family's income in relation to others. Income is commonly used measure of SES because it is relatively easy to figure for most individuals.

2. Education:-

Educational attainment is preferable to analyze for SES because it can be figured for all individuals. A person's educational attainment is considered the highest level (grade or degree) of education they have completed.

Education also plays a role in income. Median earning increases with each level of education. As conveyed, the highest degrees, professional and doctoral degrees, make the highest weekly earning while those without high school diploma are financially penalized. Higher level of education associated with better economic and psychological outcomes (i.e. mere income, more control, and greater social support and networking).

3. Occupation:-

Occupational prestige as one component of SES encompasses both income and educational attainment. Occupational status reflects the educational attainment required to obtain the job and income levels that vary with different jobs and within ranks of occupations. Additionally, it shows achievement in skills required for the job. Occupational status measures social position by describing job characteristics. Decision-making ability and control, and psychological demands on the job.

4.Wealth:-

Wealth, a set of economic reserves or assets, presents a source of security providing a measure of households ability to meet emergencies, absorb economic shocks, or provide the means to live comfortably. Wealth reflects intergenerational transitions as well as accumulation of income and savings. Income, age, marital status, family size, religion, occupation and education are all predictors for wealth attainment.

<u>Questionnaire</u>

1. Name

   _____

2. a) Marks in 10th standard   _____

   b) Marks in 12th standard   _____

3. No. of hours spent in watching T.V.

   _____

4. NO. of hours spent for study.

   _____

5. What is your aim in life about career?

   _____

6. Mention your hobbies:

   _____

7. Which channels do you watch frequently?

   a)News   b) Entertainment   c)Sports   d)Discovery   e)Other

8. Occupation of father

   a)Service   b)Business   c)others

9. Occupation of mother.

   a)Service   b)Business   c)Housewives   d)Others

10. Monthly income in house.

    _____

11. Type of house

    a)Flat   b)Bungalow   c)Rental house

12. How much pocket money do you get from parents:-
    Rs._____

13. How much you spend from your pocket money :-

    Rs._____

14. Do you use ATM card?

     a)Yes   b)No

15. Do you have a mobile ? if yes, then which mobile do you use.
     a)Samsung b)Redmi c)Vivo/oppo d)other

16. Which sim card you are using?

     a)Jio b)Idea c)Vodafone d)Airtel e) Others

17. Which type of sim card is it?

     a)Prepaid   b)Postpaid

18. Do you own a vehicle?

     a)Bike b)Car c)Cycle d)No

19. How frequently do you visit hotel? With whom?

      a) Family   b)Friends   c)Both

20. Are you a member of any gym? If no do you take any other exercises?

     a) Yoga b)Suryanamaskar   c)Other exercise

21. Which type of food you have?

     a) Veg   b)Non-veg

22. Mention your blood group.

     _____

Sr.No	Name of student Microbiology	marks obtained in		no. of hrs. spend		Aim	Hobby	Channel
		10th	12th	Tv	Study			
1	Surabhi P. Achwal	77	67	1	3	Govt.	reading	b
2	Vasudha M. Ahire	88.2	69	2	1	private job	listening music	b
3	Bhagyashri M. Bhandari	73.68	58	3	2	priv job	travelling	a
4	Nikita A. Darwade	78.4	67	2	2	Gov Job	drawing	b
5	Bhavana S. Deore	68.2	53	3	1	House wife	cooking	b
6	Manjushri S Deore	85.6	73.8	0	3	Gov job	reading	***
7	Yogeshwari R Gawale	68	58	1	2	phd	singing	b
8	Bhagyashree N. Hire	77	54	4	3	gov job	movie	b
9	Suvarna S Joshi.	69	57	2	2	gov	read	b
10	Kamini N. Khairnar	78.6	58	3	3	gov	listening music	b
11	Kalyani K Kothawade	71	50	2	2	gov	dancing	b
12	Minal V Lulla	83	70	1	1	private job	singing	b
13	Rashmi A More	74	67	2	1	gov	dancing	b
14	Gayatri R Navasare	72.3	65.38	6	1	scientist	drawing	b
15	Neha D Nimgulkar	69	57	4	2	private job	cooking	b
16	Ganesh K Patil	67	60	5	1	Gov	Flirt	a
17	Gauri M Patil	81	69	3	3	gov	drawing	b
18	Rajeshwari R Pawar	76	60	3	3	private job	singing	b
19	Harshani P Sarode	87	71.2	1	5	private job	reading	a
20	Samreen jahan shaikh	79	69.4	3	2	Gov Job	dancing	b
21	Nivedita R sonavane	67	51.4	3	1	gov	dancing	d
22	Pallavi R Sonawane	70	62	7	4	private job	reading	b
23	Shubham M sonawane	59	46.4	4	1	business	playing chess	a
24	Shivani A Suryawanshi	85	70	2	5	phd	singing	b
25	Rajeshwari K Thakur	69	65	3	1	gov	cooking	b
26	Ravina K Vispute	89	72.2	3	1	business	story reading	a
27	Mayuri R Wendait	75	65	4	5	gov	reading	b
28	Yashaswita K Mahajan	87	70	3	2	gov	dancing	b
29	Poonam R wagh	80	60	0	1	private job	cooking	b
30 Geology	Pranita A patole	85	70	1	2	job	listening music	b
31	Chetan B Borse	76	62	1	1	gov	cricket	c
32	Swapnil S bhokre	67	63	2	2	gov	listening music	b
33	Shraddha R marathe	85	70	1	2	job	sketching	b
34	B D Suryawanshi	75	61	2	2	job	mehendi art	b
35	Asmita S Patil	81.8	58.6	1	2	job	dancing	c
36	Haidar abbas M.N	84	67	1	2	job	gaming	b
37	Gayatri S More	77.4	64.4	1	1	business	reading	b
38	Kashinath B Morade	78	73	0	2	job	listening music	**

Occupation		Monthly Income	House	Pocket Money		ATM	Mobile	Sim	Type of card
Father	Mother			Earn	Spent				
c	c	40000	b	300	100	a	d	b	a
b	c	45000	b	100	70	b	a	c	a
a	c	35000	a	400	150	b	c	a	a
c	c	18000	b	100	100	b	a	c	a
b	b	20000	b	700	300	b	b	a	a
a	a	60000	b	500	300	b	a	d	a
b	c	20000	b	150	100	b	a	e	a
a	c	13000	b	100	80	b	b	a	a
c	c	10000	b	100	50	b	***	***	***
a	c	30000	b	150	100	b	a	b	b
a	c	40000	b	1000	500	a	a	b	a
c	c	8000	b	200	100	b	***	***	***
c	c	11000	b	100	50	b	b	a	a
a	c	53000	c	100	100	a	a	c	a
b	a	27000	a	200	200	a	b	c	b
a	c	65000	b	700	500	b	d	a	a
a	c	30000	a	200	200	b	***	***	***
c	c	50000	b	300	60	b	b	a	a
a	c	38000	b	600	300	b	a	c	b
c	c	15000	b	500	500	b	a	c	a
a	c	28000	b	500	200	a	b	c	a
**	c	7000	b	1200	500	b	***	***	***
c	c	7000	c	100	100	a	b	a	a
b	c	30000	b	500	500	b	d	e	a
c	a	70000	b	200	50	b	***	***	***
c	c	10000	b	300	100	b	c	c	a
a	c	40000	b	200	20	a	***	***	***
**	c	30000	b	200	100	a	d	e	b
a	c	30000	b	500	200	a	b	b	a
a	c	15000	b	500	300	a	a	a	a
a	c	25000	b	500	500	b	a	b	a
b	c	8000	b	400	300	b	a	b	a
a	c	25000	c	300	200	a	a	c	a
c	c	25000	b	500	350	a	a	a	a
c	a	40000	b	300	300	b	e	a	a
a	c	50000	b	1200	1200	a	b	a	a
a	c	40000	b	500	400	a	e	a	a
c	b	5000	c	0	0	a	a	b	a

Vehicle	Visit Hotel	Gym Member	Other Exe.	Type of Food	Blood Group
a	c	a	***	a	B +ve
a	c	b	c	b	b+
a	c	b	b	b	a+
a	c	b	a	a	o+
c	b	b	***	b	b+
***	b	b	a	b	b+
c	c	b	b	a	a+
c	b	b	***	b	a+
c	****	b	b	a	o+
c	c	b	c	b	b+
a	c	b	c	a	b+
****	***	b	***	a	o+
a	***	b	a	b	a+
a	c	b	a	b	o+
c	a	b	***	b	b+
a	c	b	c	b	o+
a	c	b	a	b	b+
a	****	b	a	a	b+
a	b	b	***	b	a+
c	a	b	***	b	o+
c	c	b	c	a	ab+
c	a	b	c	a	b+
c	c	b	***	b	a+
a	c	b	a	b	b+
a	a	b	a	b	o+
c	***	b	***	b	b+
a	***	b	***	a	b+
a	a	b	***	b	o+
c	a	b	***	a	b+
a	a	**	**	b	ab+
**	b	a	c	b	**
c	a	**	**	a	b+
a	a	**	**	b	o+
c	b	**	**	a	o+
a	a	**	a	b	o+
a	b	**	c	b	b+
a	a	**	c	b	b+
***	b	**	**	a	b+

Sr.No	Names	10th	12th	T.V	Study	Aim	Hobby	Channel
39	K R Suryawanshi	79	58	1	1	job	swim	a
40	Shivani D More	73	60	2	2	gov	drawing	b
41	Prashant M Deore	68	48	1	1	gov	basket balls	c
42	Gopi R Bedse	40	38	1	1	gov	listening music	a
43	C M Pawar	68	49	2	2	gov	net surfing	a
44	Ramesh N Khonde	84	57	0	1	farmer	Volleyball	**
	Bio Technology							
45	Akshay D Pardeshi	78	50	1	4	gov	Volleyball	d
46	Arshpreet k Butter	75	60	0	2	abroad	eating	**
47	Apoorva V Khandelwal	79	60	1	2	lecturer	teaching	b
48	Bhagyashri R Saidane	90	88	0	2	private job	singing	**
49	Nikita R Suryawanshi	84	60	2	1	gov	listening music	b
50	Sonal B Wankhede	78	60	1	1	business	mehendi art	b
51	Sayali U Navlakhe	72	52	2	3	gov	chitchat	b
52	Deepali R Suryawanshi	70	52	1	2	gov	singing	b
53	Ankita V Samlar	73	69	1	2	gov	driving	a
54	Mansi S Chaudhari	82	57	0	2	private job	listening music	**
55	Sneha S Suryawanshi	79	59	1	1	gov	drawing	d
56	Supriya M More	86	63	1	3	comp	reading	b
57	Pooja A Thorat	79	72.9	1	1	business	chatting	b
58	Bhavna M Mandlik	82	65	1	4	comp expt	painting	b
	Mathematics							
59	Yogeshwari S Baviskar	8	76	3	5	Gov Job	listening music	b
60	Mayuri D Bhadane	78	79	2	2	Gov Job	watching TV	b
61	Priyanka D Chaudhari	87	82	2	3	Gov Job	singing	b
62	Kirti P Chawan	80	79	3	3	Gov Job	singing	b
63	Nikita S Dashpute	74	69	2	2	Gov Job	drawing	b
64	Ashwini P Dhangar	74	67	3	4	private job	singing	b
65	Dipali R Kotkar	73	51	1	2	lecturer	reading	b
66	Shraddha H Mahajan	67	48	1	2	Gov Job	dancing	b
67	Madhavi S Mali	86	77	3	4	Gov Job	reading	b
68	Saurabh S Pange	69	58	1	2	lecturer	cooking	b
69	Kavita D Pardeshi	72	57	2	1	private job	reading	b
70	Devyani A Patil	73	58	1	1	Gov Job	cooking	b
71	Harshada P Patil	67	60	1	1	Gov Job	singing	b
72	Madhuri K Patil	67	79	1	3	Gov Job	listening music	b
73	Varsha Y Patil	0	0	0	0	***	***	***
74	Gayatri G Pawar	86	72	1	3	Gov Job	painting	a
75	Archana R Rajput	86	76	0	2	Gov Job	reading	d

Father	Mother	Monthly Income	House	Earn	Spent	ATM	Mobile	Sim	Type of card
c	c	5000	b	100	100	b	a	A	a
a	c	55000	b	1000	500	b	a	B	a
a	c	42000	b	1200	1000	b	**	**	a
a	c	35000	b	500	200	a	a	A	a
**	b	20000	b	1000	1000	a	a	A	a
c	c	5000	b	100	100	a	a	A	a
a	a	30000	b	50	50	a	d	B	a
b	c	40000	b	1200	1200	a	d	C	a
b	c	50000	b	1200	1200	a	a	A	a
a	c	40000	b	1200	1200	a	b	A	a
a	c	30000	b	400	200	b	a	D	a
a	c	50000	b	200	100	a	**	**	**
a	c	40000	b	500	500	a	b	E	a
a	c	25000	c	100	50	b	d	B	a
b	c	35000	b	200	200	a	b	C	a
**	c	7000	b	300	100	a	d	B	a
a	c	45000	b	300	300	b	***	**	**
a	c	60000	b	400	200	a	d	B	a
b	c	50000	b	1200	1200	a	d	A	a
b	c	10000	b	1200	700	a	c	A	a
c	c	50000	b	200	200	a	a	E	a
a	c	45000	b	300	300	b	***	***	***
a	c	17000	b	200	150	b	a	A	a
b	c	6000	b	200	200	b	d	C	a
c	c	10000	b	300	300	a	a	E	a
c	c	27000	b	100	100	b	b	B	a
c	c	37000	b	800	600	b	b	C	a
b	a	17000	b	500	300	a	c	E	a
c	a	50000	c	100	100	b	a	B	a
b	c	27000	a	600	400	b	b	D	a
a	c	37000	b	800	700	b	b	C	a
a	c	45000	b	1200	700	a	a	C	a
a	c	20000	a	100	70	a	a	B	a
a	c	12000	b	50	50	b	c	B	a
***	***	***	***	***	***	***	***	***	***
a	c	45000	b	1200	200	b	d	A	a
a	c	40000	b	1200	1200	a	a	E	a

Vehicle	Visit Hotel	Gym Member	Other Exe.	Type of Food	Blood Group
***	c	**	c	b	o+
A	b	***	a	b	b+
A	b	**	c	b	o+
***	c	a	c	b	o+
A	b	**	***	b	**
A	b	**	b	b	**
A	**	a	**	b	a+
**	c	b	**	a	o+
A	b	b	**	a	b+
C	b	b	**	b	o+
A	b	b	a	a	a+
A	b	b	**	b	b+
A	c	b	**	a	o+
C	b	b	***	b	a+
A	c	b	**	a	a-
C	c	b	**	b	o+
C	a	b	c	a	o+
A	**	b	a	a	a+
C	**	b	c	a	o+
A	b	b	***	a	o+
C	c	b	***	b	A+
***	b	b	a	b	***
C	b	b	a	a	***
C	c	b	a	b	***
C	c	b	***	a	O-
A	a	b	b	a	***
A	c	b	***	b	***
C	a	b	***	b	O+
C	c	b	b	b	***
A	b	b	c	a	b+
A	c	b	***	b	A+
A	c	b	***	b	ab+
C	c	b	***	b	A+
C	a	b	b	b	b+
***	***	***	***	***	***
A	c	b	***	b	b+
***	c	b	a	a	a+

Sr.No	Names	10th	12th	T.V	Study	Aim	Hobby
76	Devendra S Shemale	77	61	1	2	Gov Job	singing
77	Srushti S Shinde	77	64	1	2	Gov Job	reading
78	Sanjivani M Sonawane	74	79	0	2	Gov Job	listening music
79	Ankit P Desale	53	58	0	1	gov.job	listening music
80	Mahima A Tikle	86	69	1	3	gov. job	singing
81	Charushila V Thakare	74	52	1	2	pri. Job	dancing
82	Renuka A Karankal	79	59	1	2	gov. job	cooking
83	Manjusha v Borse	88	68	2	4	pri. Job	mehndi
84	Prajakta J Patil	60	50	2	1	lecturer	singing
85	Gauree R Shinde	84	74	3	5	gov. job	cooking
86	Kajal N Chavan	72	61	3	1	pri. Job	cricket
87	Vrushali S Deo	86	76	1	3	lecturer	reading
88	Aniket R Bhamre	88	69.5	2	2	business	reading
89	Deepa K Bajaj	77	71	1	2	business	cooking
90	Minakshi M Pardeshi	88	69	1	2	lecturer	singing
91	Janvi K Kodgir	72	54	2	1	private job	listening music
92	Pooja J Pakhle	78	61	1	1	lecturer	reading
93	Kalyani R Borse	84	72	2	3	Gov Job	dancing
94 *IT*	Oushpavati S Agrahari	78	57	1	2	private job	singing
95	Neha V Bagul	71	67.4	2	3	private job	reading
96	Pooja K Borse	71.4	50.3	1	1	lecturer	cooking
97	Arpita V Chavan	52	48.14	3	4	private job	watching TV
98	Kaushtubh V Dalal	70.23	51	2	6	IT sector	writing
99	Ruchita N Deore	76.4	58	2	3	gov	painting
100	Lokesh D Gurav	0	0	0	0	***	****
101	Neha S Jangid	71.14	63	1	1	private job	singing
102	Nishant s Kabade	84	67	2	3	gov	dancing
103	Dharamjeet A Kaloti	85.64	67	0	3	private job	swim
104	Dhanashree R Nerkar	79.29	58	0	3	gov	singing
105	Prince P.K	75.14	69	1	2	actor	acting
106	Kalyani P Patil	76	60	1	2	private job	net surfing
107	Sneha R Sharma	0	0	0	0	**	**
108	Shubham P Shimpi	58	50	1	1	theater career	script reading
109	Esha K Varma	86.4	69.9	1	4	private job	reading
110	Shivani S Wagh	81.14	62.4	1	3	private job	reading
111	Roshani R Wani	87.28	72	2	4	private job	singing
	Electronics						
112	Jayashree D Chaudhari	87	74.4	2	4	gov	reading
113	Rajshree D Chaudhari	89	76.3	1	3	gov	reading
114	Riya M Jagtap	76	67	2	3	private job	dancing
115	Urvashi N Kate	74.23	61	1	3	lecturer	singing
116	Shubhangi M Khairnar	81.4	76	2	3	private job	cooking
117	Snehal S Borse	83.17	67	3	4	gov	listening music

Channel	Father	Mother	Income	House	Earn	Spent	ATM	Mobile	Sim
b	a	c	35000	b	1200	1200	b	a	b
b	a	c	40000	c	1000	800	b	b	a
***	c	c	35000	b	300	300	b	d	c
***	a	c	40000	c	1200	700	a	a	b
b	a	c	30000	b	1000	800	a	a	b
b	a	c	25000	b	800	600	b	b	c
b	a	c	45000	b	1200	1200	a	b	a
b	b	c	15000	b	500	200	b	d	a
b	b	c	12000	b	100	100	b	c	a
b	b	c	17000	b	150	150	b	d	a
b	a	c	18000	b	200	200	b	d	b
b	a	a	60000	b	1100	800	a	a	b
d	c	c	20000	b	1100	1100	a	b	a
b	a	c	40000	b	1000	1000	a	b	a
b	a	c	30000	b	1000	800	b	b	a
b	b	a	47000	b	1200	800	b	c	a
b	b	c	30000	c	1000	600	a	d	c
b	a	c	25000	b	***	**	b	d	b
b	b	c	15000	b	100	70	b	d	c
b	a	c	27000	b	500	300	b	a	a
b	b	c	10000	b	100	50	b	d	b
b	a	c	37000	b	400	200	b	b	a
a	a	c	12000	b	500	500	a	a	b
a	a	c	10000	b	200	200	b	a	c
****	***	***	***	***	***	***	***	***	***
b	b	c	60000	b	500	300	a	c	c
b	b	c	30000	b	500	500	a	b	c
**	b	c	15000	b	500	500	a	d	b
**	a	c	20000	b	100	50	b	a	a
b	b	c	25000	b	100	100	b	d	b
b	a	c	30000	b	500	100	a	d	c
**	**	**	**	**	**	**	**	**	**
b	c	c	10000	b	800	600	a	a	a
b	b	c	15000	b	1000	1000	b	a	b
b	b	c	18000	b	700	700	b	b	b
b	b	c	16000	b	600	600	b	b	b
b	a	c	25000	b	500	300	b	a	a
b	a	c	25000	b	500	300	b	a	b
b	b	c	30000	b	700	500	b	b	a
b	a	c	15000	b	300	200	b	a	a
b	a	c	27000	b	700	350	b	c	b
b	a	c	30000	b	800	400	b	b	c

Type of card	Vehicle	Visit Hotel	Gym Member	Other Exe.	Type of Food	Blood Group
a	a	b	a	***	a	o+
a	a	c	b	a	a	b+
a	***	c	b	***	b	o+
a	a	**	a	***	b	**
a	a	a	b	a	b	a+
a	a	b	b	**	a	b+
a	a	c	b	**	a	**
a	c	c	b	**	b	**
a	c	c	b	**	b	o+
a	c	b	b	b	b	b+
a	c	a	b	**	b	b+
a	a	b	b	**	a	b+
a	**	c	b	c	b	b+
a	a	c	b	**	b	a+
a	**	c	b	**	b	o+
a	a	**	b	a	a	ab+
a	a	**	b	b	a	a+
a	c	a	b	**	a	**
b	a	a	b	a	a	o+
a	a	a	b	**	a	ab+
b	c	b	b	b	b	a+
a	c	b	b	**	a	b+
a	a	c	a	**	a	a+
a	a	a	b	**	b	o-
**	***	**	***	**	**	**
a	b	c	b	b	b	a+
a	b	c	b	b	b	b+
a	a	b	a	**	a	o+
a	c	a	b	**	b	a+
a	a	**	a	**	b	o+
a	a	c	b	**	b	b+
**	**	**	**	**	**	**
a	a	b	a	**	b	o+
a	a	c	b	**	a	o+
a	c	b	b	a	a	b+
a	c	b	b	a	a	b+
a	a	c	**	**	a	o+
a	a	c	**	**	a	b+
a	c	b	**	a	a	a+
a	c	a	**	b	b	a+
a	c	c	**	**	b	b+
a	c	c	**	**	a	b+

Sr.No	Names	10th	12th	T.V	Study	Aim	Hobby
118 *CS*	Vedvati A Ahirrao	68	47.4	2	3	private job	listening music
119	Kunal S Patil	72	61.54	1	2	gov	playing cricket
120	Tejaswini E Amrutkar	62	46	2	1	gov	listening music
121	Darshana B Patil	78.4	56	3	2	private job	reading
122	Kuldeep N Girase	76.51	68.33	0	3	business	reading
123	Sachin S Baviskar	72	54	1	2	gov	playing
124	Rupali M Sisodia	75	57	0	3	business	teaching
125	Prajakta R Girase	88.13	66.45	1	2	gov	listening music
126	Nikita B Patil	86	63.56	2	3	private job	mehndi
127	Sneha M Patil	72.2	51.12	2	4	business	dancing
128	Smital V Pawar	0	0	0	0	***	***
129	Amruta R Nankar	79.15	61.2	2	2	gov	dancing
130	Pratiksha A Chavan	81	77	1	3	private job	listening music
131	Rina P Patil	77	58.25	3	1	gov	mehndi
132	Rupali V Pawar	68.25	59.8	4	1	private job	listening music
133	Sonali D Pathak	81	72.12	1	4	gov	net surfing
134	Kavita L Patil	77	49.6	2	2	House wife	listening music
135	Nikita K Lund	76.3	57	3	1	lecturer	playing games
136	Lalana P Chaudhari	85.79	61	4	4	gov	dancing
137	Mohini N Dharmadhikari	87	69	2	3	private job	reading
138	Komal R Panvelkar	73.5	71	1	4	lecturer	listening music
139	Pranali M Mahale	77.2	66.5	1	2	private job	singing
140	Ashwini P Borse	66	54	4	1	gov	writing
141	Pramod K Chaudhari	70	57	1	1	lecturer	cricket
142	Varsha M Bagul	75	67	2	1	gov	singing
143	Dhanashree R Mahale	66	69	3	4	private job	cooking
144	Harshada R Chavan	70	49.61	1	2	gov	reading
145	Shrushti S Vispute	75	63.2	3	1	private job	dancing
146	Priyanka R Ramole	82	71.36	1	3	lecturer	cooking
147	Kamini N Patil	77	62.45	2	2	private job	reading
148	Madhuri A Khairnar	76	61	2	2	business	long drive
149	Mayur A Patil	84	53	4	1	photographer	kabaddi
150	Gitanjali V Kapure	0	0	0	0	**	*
151	Aditi A Ozarkar	82	76	2	2	lecturer	reading
152	Minakshi D Sonawane	74	70	2	3	House wife	working
153	Mansi S Ahire	84	72	4	2	ISO	chitchat
154	Priyanka D Sisodia	82	66.25	1	2	private job	dancing
155	Kalyani R Patil	78	53.58	2	3	business	watching TV
	STATISTICS						
156	Harshda A. shinde	84.2	58.3	2	2	pri. Job	tennis
157	Harshda P. Badgujar	84.15	82	3	3	DSO	Listening Songs
158	Trupti H. Patil	78	64	2	3	statistician	drawing
159	Vrushali K.Desale	84.5	60.15	2	2	STI	dancing

Channel	Father	Mother	Income	House	Earn	Spent	ATM	Mobile	Sim
b	a	c	30000	b	1000	800	a	c	b
c	a	c	40000	b	500	300	a	d	e
b	b	c	30000	b	700	600	b	c	c
b	a	c	45000	a	600	400	b	d	d
**	a	c	9500	b	100	0	a	e	d
c	b	c	12000	c	50	50	b	**	**
**	c	c	17000	b	200	150	b	b	a
b	a	a	24000	b	700	500	a	a	b
b	a	c	18000	b	500	300	a	b	a
b	a	c	35000	b	1000	800	a	b	a
***	***	***	***	***	***	***	***	***	***
b	b	c	6000	b	200	150	b	a	c
b	b	c	25000	b	100	100	b	a	a
d	b	c	15000	b	700	600	a	a	a
b	b	a	17000	b	500	300	a	d	b
d	a	c	13000	b	1000	700	a	c	b
d	b	c	18000	b	600	400	a	b	d
b	a	c	20000	b	200	100	b	c	a
b	a	a	17000	b	100	50	b	d	c
b	a	c	12000	c	100	100	b	a	a
b	a	c	16000	b	50	50	b	b	b
b	b	c	8000	b	500	500	b	d	d
b	c	c	5000	b	50	50	b	c	b
b	a	c	40000	b	400	300	a	a	a
d	b	c	5000	a	50	50	b	a	a
d	c	c	40000	b	800	800	b	b	b
b	b	c	30000	b	600	600	a	d	c
b	a	c	18000	b	300	300	b	c	d
d	a	c	23000	b	200	100	b	b	e
b	c	c	6000	b	900	600	a	d	c
d	b	c	17000	b	500	100	b	c	a
c	a	c	25000	b	400	200	b	c	b
**	*	***	**	*	*	**	*	**	*
b	b	c	15000	b	300	150	b	b	b
d	b	c	25000	b	700	500	b	b	c
b	c	c	15000	b	100	1000	a	a	c
d	b	a	18000	a	200	150	a	a	a
d	b	a	27000	b	100	70	b	a	b
b	***	c	3000	b	50	50	b	b	b
b	c	c	6000	b	500	400	a	d	b
b	a	c	44000	b	3000	3000	b	d	b
b	a	a	45000	b	2000	1800	b	a	e

Type of card	Vehicle	Visit Hotel	Gym Member	Other Exe.	Type of Food	Blood Group
e	a	c	b	**	b	b+
a	a	c	a	c	b	o+
a	a	b	b	b	a	a+
a	c	a	b	**	a	b+
a	a	b	b	**	b	b+
**	c	b	b	**	b	ab+
a	c	a	b	a	a	o+
a	a	c	b	a	a	O+ve
a	a	c	b	a	a	A+ve
a	c	c	b	b	b	B+ve
***	***	***	***	***	***	***
a	a	c	b	****	a	B+ve
a	a	b	b	***	a	O+ve
a	a	b	b	***	a	B+ve
a	a	a	b	c	b	B+ve
a	a	a	b	c	b	O+ve
a	c	c	b	c	a	B+ve
a	c	b	b	a	a	B+ve
a	a	c	b	a	b	O+ve
a	a	b	b	b	b	A-ve
a	b	b	b	***	a	AB+ve
a	***	c	b	a	a	O+ve
a	***	b	b	a	a	A+ve
a	***	b	a	***	b	B+ve
a	***	c	b	***	a	***
a	a	c	b	b	a	B+ve
a	a	a	b	b	b	***
a	a	b	b	c	a	***
a	c	a	b	***	b	O+ve
a	a	a	b	***	b	***
a	a	b	b	c	a	O+ve
b	c	b	a	***	a	B+ve
*	**	*	**	*	*	**
a	a	b	b	a	a	***
a	b	b	b	b	a	O+ve
a	***	c	b	***	b	***
a	c	c	b	b	b	B+ve
a	c	c	b	b	b	O+ve
a	a	***	b	***	a	B+ve
a	***	b	b	c	b	***
a	a	c	b	a	a	B+ve
a	a	b	b	a	b	B+ve

Sr.No	Names	10th	12th	T.V	Study	Aim	Hobby
160	Nikita S.Patil	83	72	3	2	pri. Job	drawing
161	Bhagyashree R. Patil	77	73	2	2	lecturer	cooking
162	Vishakha P. Patil	81.3	79.6	1	3	DSO	reading
163	Harshada R.Pawar	83.5	77	1	3	IPS	reading
164	Jayesh R.Deore	82.73	71.6	2	2	statistician	chess
165	Ashwini I. Girase	81.9	71.23	2	3	statistician	drawing
166	Vaibhav N. Jadhav	79.4	60.15	2	1	gov.job	cooking
167	Mahesh R.Chaudhari	78	66	5	1	statistician	play game
168	Dhanashri S. Deore	73	59	1	1	gov. job	cooking
169	Saurabh D. Amrutkar	73.4	57.54	3	1	gov. job	play game
170	Shubham J. Thakare	83	63	1	2	gov. job	cricket
171	Ashwini K.Patil	83.2	70.54	5	3	lecturer	reading
172	Tanmay R. Sonawane	76	62	1	1	pri. Job	workout
173	Kaushik M. Deole	65	52	5	1	artist	singing
174	Shraddha P. Pawar	70.15	63.54	4	3	gov. job	drawing
175	Ankita S. Sadarao	71	61	1	4	lecturer	singing
176	Mrunali V. Nerpagare	82.3	53.2	1	2	PO	listening Songs
177	Smaran S. maske	86	69	5	3	statistitian	sketching
178	Yugandhara P. Patil	80	64	2	2	Banking	singing
179	Yogeshri U. Bagal	83	71	2	3	statistitian	reading
180	Rohit P. Bagal	71	64	0	1	gov. job	social work
181	Mayur N. patil	80	60	0	1	artist	singing
182	Komal B. Chaudhari	88	76.31	3	3	gov. officer	watching T.V.
183	Shubham K. patil	63.5	50	7	1	gov. job	gym
184	Unnati S. Sonawane	78	73	3	3	IAS	reading
185	Sunil D. patil	73.2	68	2	2	Pri. job	farming
186	Devyani S.Patil	78	64	2	4	lecturer	listening Songs
	PHYSICS						
187	Devshree R. baivskar	90.2	73.6	2	4	PHD	reading
188	Paras A. chaudhari	88.5	72	3	5	IAS	cricket
189	Mayur R. jain	80	62	3	2	gov. job	cricket
190	Saurabh P. khairnar	78.9	54.13	2	2	gov. job	kabbadi
191	Renuka A. Mangidkar	70	68	3	4	net set	sketching
192	Ashlesha A . Patil	0	0	0	0	***	***
193	Dipali G. Patil	72	59	3	2	gov. job	reading
194	Gayatri D. patil	69.4	56.3	2	1	pri. Job	cooking
195	Neha M patil	74	65	4	2	pri. Job	drawing
196	Neha M patil	80.3	69.8	3	3	net set	writing
197	Pratiksha K patil	68.47	50.15	6	2	business	watching T.V.
198	Sanjivani D. patil	76.5	62.4	3	2	pri. Job	singing
199	Pallavi Y. Surywanshi	78	59	1	3	gov. job	harmonium
200	Anupama B. tupere	85.2	73.58	1	3	gov. job	net surfing
201	Sagar P. wagh	80.13	72.2	1	4	net set	reading

Channel	Father	Mother	Income	House	Earn	Spent	ATM	Mobile	Sim
b	c	b	3500	b	200	100	a	a	b
b	c	d	3000	b	100	100	b	***	***
b	a	c	60000	b	3000	2000	b	a	a
b	c	d	5000	b	100	100	a	d	d
b	a	c	5000	b	200	200	a	c	b
b	b	c	9000	b	1500	100	b	a	d
b	c	c	8000	b	200	150	b	d	a
b	b	c	15000	b	500	500	a	d	a
b	a	c	50000	b	1000	700	a	d	b
c	b	c	8000	b	300	200	b	b	c
b	a	c	20000	b	100	100	a	a	a
b	a	c	18000	b	700	300	b	a	b
d	a	c	20000	a	50	50	b	d	c
b	c	c	20000	b	350	300	b	a	b
b	a	c	50000	b	200	200	b	***	***
b	a	c	82000	b	1000	500	a	c	d
c	c	c	20000	b	500	500	a	b	b
b	a	c	60000	c	500	500	a	d	c
b	a	c	50000	b	200	100	b	d	a
a	a	c	35000	c	500	300	a	c	a
***	a	c	10000	b	500	500	a	d	d
***	a	c	10000	b	500	500	a	d	d
b	a	c	50000	b	1000	1000	b	d	c
b	a	c	25000	b	1200	1200	a	a	b
d	c	c	7500	b	100	100	a	b	a
c	c	d	9000	b	1000	800	a	d	b
b	c	c	9000	b	3000	3000	a	a	b
b	a	c	45000	b	500	450	b	b	a
c	a	c	50000	b	1000	600	a	a	c
c	a	c	20000	c	100	50	a	b	a
d	c	c	8000	b	200	150	a	d	b
b	a	c	30000	b	300	300	b	b	a
***	***	***	***	***	***	***	***	***	***
b	a	c	25000	b	300	100	b	c	d
a	a	c	37000	b	800	500	b	c	c
b	c	d	40000	c	1000	850	a	b	a
b	d	c	18000	b	200	200	b	b	b
d	b	c	23000	b	100	100	b	a	e
b	a	c	28000	c	900	800	b	b	a
d	c	c	12000	a	100	100	b	d	a
a	c	a	70000	b	300	150	a	c	d
b	a	c	39000	a	400	350	b	b	c

Type of card	Vehicle	Visit Hotel	Gym Member	Other Exe.	Type of Food	Blood Group
a	***	b	b	c	b	AB+ve
***	***	c	b	***	b	***
a	b	a	b	a	a	O+ve
a	***	c	b	b	a	A+ve
a	a	***	a	***	b	A+ve
a	***	***	b	***	b	A+ve
a	***	c	b	***	b	B+ve
a	a	b	a	c	b	A+ve
a	a	a	a	b	b	***
a	c	c	b	***	b	O+ve
a	c	b	b	c	a	A+ve
a	a	a	b	a	a	***
a	a	c	a	***	b	B+ve
a	a	b	b	b	a	***
***	a	b	b	c	b	A+ve
a	a	a	b	c	a	A+ve
b	b	b	b	c	b	***
a	b	a	b	c	a	B+ve
a	a	b	b	b	a	***
a	a	b	b	c	a	***
a	***	b	b	***	b	B+ve
a	***	b	b	***	b	B+ve
a	a	a	b	***	b	***
a	a	***	a	***	b	O+ve
a	a	***	b	c	a	***
a	***	b	b	c	b	B+ve
a	***	c	b	a	a	O+ve
a	a	c	b	***	b	AB+ve
a	a	c	b	c	b	A+ve
a	c	***	b	c	a	B+ve
a	c	b	b	c	b	B+ve
a	a	b	b	***	a	A+ve
***	***	***	***	***	***	***
a	a	b	b	b	a	B+ve
a	a	c	b	***	a	A-ve
a	a	b	b	***	b	B+ve
a	c	a	b	***	a	AB+ve
a	c	c	b	***	b	O+ve
a	c	a	b	a	b	A-ve
a	***	c	b	***	b	***
a	a	b	b	***	b	A-ve
a	a	b	a	***	b	B+ve

Sr.No	Names	10th	12th	T.V	Study	Aim	Hobby
202	Prachi B. kakulde	84.3	65.51	2	2	net set	singing
203	Tejsvini S. shirude	74.13	61.2	2	1	gov. job	Listening song
204	Manjusha G. deore	78.65	50.15	1	3	gov. job	Listening song
205	Bhakti M . Chavan	81.15	76.34	3	2	gov. job	drawing
206	Pradnya M. Joshi	86.34	72.13	2	3	pri. Job	Taking selfies
207	Pranita P. Patil	91.13	80.35	2	4	gov. job	sketching
208	Sakshi D. relan	76.25	60.15	1	4	gov. job	Listening song
209	Pooja G. shinde	71.13	58.13	4	2	pri. Job	reading
210	Vibhavri R. patil	65.91	56	2	1	business	singing
211	Madhuri R. patil	81.12	67.68	3	2	gov. job	dancing
212	Yamini H. deore	69	53.34	2	3	net set	Listening song
213	Kamlesh B. deore	72.14	63.58	1	3	politics	cricket
214	Komal S. baviskar	66.4	52.41	4	1	pri. Job	Listening song
215	Vaishali R. jadhav	60.63	45.5	3	1	pri. Job	singing
216	Hemangi c. suryawanshi	83.4	58	1	3	net set	cooking
217	Kuldip S. patil	90	83.77	3	1	net set	cricket
218	Deoraj R. doere	0	0	0	0	***	***
	CHEMISTRY						
219	Dipali L.Bhadane	78.91	61.3	1	2	gov. job	singing
220	Priyanka M . Bhamare	82.3	66.3	1	3	gov. job	Listening Song
221	Rajshree S. Bhamare	81	59.2	1	3	pri. Job	Listening Song
222	Chinmayi S. bhuskute	70.15	51.45	2	3	pri. Job	cooking
223	Hitendra G. Borse	62.2	62.31	2	1	gov. job	gym
224	Nilesh M. Borase	69.1	54.3	4	1	lecturer	mehndi
225	Bhupendra chaudhri	77.1	57.4	3	1	gov. job	beauty parlor
226	pranali S. chaudhari	79.4	60.15	3	2	gov. job	singing
227	Prashant P. chaudhari	73.2	57.4	2	3	gov. job	singing
228	Sonali A. chaudhari	73.4	62.2	1	2	lecturer	cooking
229	yogesh R. chaudhari	76.4	73	1	1	IPS	gym
230	Jayashri A. deore	0	0	0	0	***	***
231	Komal K, deore	77	59.8	3	2	pri. Job	cooking
232	Nikita R. desle	86.5	62.3	1	1	gov. job	singing
233	Nageshwar R. Dongare	0	0	0	0	***	***
234	Nishant R. Gohil	79.8	59.8	3	2	business	reading
235	Viviek D . Gujar	88.3	60	1	2	business	cricket
236	Kamlesh D. khairnar	68	78.3	3	7	gov. job	movie
237	Minal R. khairnar	71.51	56	2	2	gov. job	reading
238	Ashwini D. magar	78	62	2	2	housewife	watching T.V.
239	Vaishali S. mahajan	81.56	64.4	2	3	business	movies
240	Harshada T. mali	84.65	71.2	3	4	gov. job	reading
241	Kavita B. Mali	68.69	51.4	1	1	gov. job	singing
242	Nikhil D. mane	64.46	54.6	1	2	gov. job	cricket
243	Ankita S. marathe	81	67.1	4	2	gov. job	beauty parlor

Channel	Father	Mother	Income	House	Earn	Spent	ATM	Mobile	Sim
c	b	a	20000	b	100	100	a	b	a
b	a	c	35000	b	1200	1000	b	b	a
b	c	c	50000	b	300	200	b	b	a
b	c	c	5000	b	50	50	b	a	a
b	a	a	65000	a	1200	1200	b	b	a
d	c	b	18000	b	450	400	b	c	b
b	a	c	35000	b	900	900	b	b	d
b	a	c	28000	b	300	200	b	b	a
d	b	c	16000	c	100	80	b	a	e
b	a	c	45000	a	700	500	a	d	e
b	a	c	50000	b	200	200	b	a	a
c	c	c	16000	b	500	500	a	d	b
b	a	c	25000	b	200	100	b	d	a
b	c	c	18000	c	100	100	b	b	c
b	c	a	40000	b	1000	500	b	d	e
c	a	c	50000	b	300	300	b	c	a
***	***	***	***	***	***	***	***	***	***
b	a	c	25000	b	800	600	a	a	b
b	a	c	30000	b	400	250	b	a	c
b	c	c	5000	b	860	860	a	b	a
b	c	c	7000	b	320	320	b	***	***
a	a	c	50000	b	***	***	b	a	a
c	c	c	8000	c	200	200	b	b	a
b	a	c	45000	b	1200	900	b	c	b
b	b	c	27000	b	1000	700	a	c	c
b	b	c	21000	b	600	300	b	b	a
b	a	c	32000	a	650	200	a	b	a
a	b	c	18000	c	500	100	b	b	a
***	***	***	***	***	***	***	***	***	***
b	b	c	14000	b	200	150	b	a	a
a	c	c	7000	b	***	***	b	d	b
***	***	***	***	***	***	***	***	***	***
a	b	c	40000	c	300	300	b	a	c
b	c	c	10000	b	300	300	b	c	a
b	c	c	37000	b	1200	1200	a	b	a
d	a	c	20000	b	200	150	b	a	b
b	b	b	18000	b	100	50	b	***	***
b	b	c	28000	b	300	250	b	d	c
b	a	c	35000	b	400	150	b	d	b
b	b	b	30000	b	200	50	b	b	b
e	c	c	90000	b	200	200	a	d	a
b	b	c	18000	b	100	40	b	a	a

Type of card	Vehicle	Visit Hotel	Gym Member	Other Exe.	Type of Food	Blood Group
a	c	c	b	c	a	O+ve
b	a	a	b	***	b	B+ve
a	a	b	b	c	b	***
a	c	a	b	***	b	***
a	a	c	b	***	a	A+ve
a	a	b	b	***	a	O+ve
a	a	c	b	b	a	***
a	c	b	b	***	b	B+ve
a	c	b	b	***	b	B+ve
a	***	b	b	***	b	***
a	a	***	b	a	b	B+ve
a	a	b	a	***	b	O+ve
a	a	a	b	***	a	O-ve
a	a	b	b	***	b	***
a	c	b	b	***	a	B+ve
a	a	b	a	c	b	A+ve
***	***	***	***	***	***	***
a	a	c	b	***	b	A+ve
a	a	c	b	***	b	B+ve
a	c	***	b	a	b	A+ve
***	c	***	b	***	b	B+ve
a	a	b	a	b	b	O+ve
a	c	b	b	***	a	B+ve
a	a	c	b	***	b	O+ve
a	a	c	b	***	b	O+ve
a	c	a	b	***	b	B+ve
a	a	b	b	a	a	B+ve
a	c	a	b	b	b	O+ve
***	***	***	***	***	***	***
a	c	c	b	a	b	AB+ve
a	c	***	b	c	a	O+ve
***	***	***	***	***	***	***
a	a	b	b	c	a	O+ve
a	***	***	b	***	b	B+ve
b	a	b	a	c	b	O+ve
a	c	***	b	***	b	B+ve
***	c	a	b	c	a	B+ve
a	a	c	b	a	b	O+ve
a	a	c	b	***	b	AB+ve
a	a	c	b	***	b	O+ve
a	***	c	b	c	b	O+ve
a	c	b	b	***	a	A+ve

Sr.No	Names	10th	12th	T.V	Study	Aim	Hobby
244	Mrunali S. marathe	63	49.6	2	1	business	mehndi
245	Pragati J. more	71.3	56.4	2	1	pri. Job	drawing
246	Tanuja S. more	81.6	66	3	3	gov. job	dancing
247	Rajeshwari R. Nikam	83.2	56	4	2	gov. job	painting
248	Aakash J.patil	60	62	1	3	chemist	photography
249	Ajay D. Patil	78	53.2	1	2	gov. job	dancing
250	Ashwini S. Patil	83.6	71.2	2	3	pri. Job	reading
251	Dipali C.Patil	87.3	63.4	3	1	gov. job	reading
252	Divya R. patil	73.4	52.43	1	1	gov. job	reading
253	Ganesh P. Patil	77.4	57.4	2	1	gov. job	playing
254	Hansraj R. patil	79.1	61.2	2	2	gov. job	cycling
255	Harshada P. Patil	84.1	62.3	0	3	pri. Job	selfies
256	Jagruti D. Patil	70.1	51.4	3	1	gov. job	singing
257	Komal K.patil	74.6	56.5	4	2	gov. job	cooking
258	lalitkumar D. patil	76.2	53.8	1	1	gov. job	movie
259	mahesh G. patil	72.2	58.9	2	1	chemist	playing
260	Mayuri S.Patil	87.8	73	1	2	pri. Job	cooking
261	Pratik B. Patil	74	50	1	1	gov. job	cricket
262	Pratiksha G. Patil	72.2	51.1	2	3	lecturer	Tv
263	Rahul B.Patil	84	54	4	1	gov. job	cooking
264	Ruchita R. Patil	78.7	53.4	2	3	artist	mehndi
265	Sakshi V. patil	84.2	67.2	2	4	chemist	cricket
266	Shashank M.Patil	82.1	78.1	1	3	business	cricket
267	Rohit S. pawar	78.4	60	0	1	pri. Job	photography
268	Tejas R.Potdar	83.52	50	1	2	gov. job	kabbadi
269	Ganesh S.Salunkhe	78.2	61.4	2	1	gov. job	beauty parlor
270	Priyanka S.Salunkhe	76	55.4	2	2	business	cricket
271	Harshal S.Sonar	72.2	55	0	1	gov. job	listening Song
272	Darshan Sonawane	75	68	2	2	business	cricket
273	Devendra Sonawane	60.15	59	1	2	gov. job	reading
274	Jagdish K.patil	72.2	49.1	1	1	pri. Job	lis. Song
275	Kalpesh J.Sonawane	0	0	0	0	***	***
276	Chetan M.Suryawanshi	69.13	68	1	1	business	cricket
277	Harshda Suryawanshi	78.2	63	0	3	pri. Job	writing
278	Rupali T.Suryawanshi	64.1	54.15	2	3	gov. job	listening Song
279	Ganesh N.Thakare	66.2	57.2	1	1	business	cricket
280	Mohit A. Thakare	78	52.1	0	1	farming	swimming
281	Pratik S. Thakare	73.64	65.4	1	2	army	movie
282	Puja B.Thorat	0	0	0	0	***	***
283	Jacky Wadhwani	76.1	59.2	1	2	gov. job	cricket
284	Priti Y. yelekar	81.2	67.4	2	3	gov. job	reading

Channel	Father	Mother	Income	House	Earn	Spent	ATM	Mobile	Sim
b	c	c	14000	b	150	100	b	a	e
b	a	a	55000	b	1000	800	a	b	a
b	c	c	10000	b	1000	800	b	***	***
a	b	c	17000	c	200	100	b	c	b
b	a	c	12000	b	50	50	b	d	b
a	b	c	12000	b	100	100	b	a	c
b	b	c	24000	b	200	200	b	a	b
b	a	c	35000	b	300	150	b	b	a
d	***	c	5000	b	100	100	b	a	d
b	a	c	15000	b	200	200	b	b	a
c	b	c	20000	b	400	200	b	a	a
***	b	c	22000	b	550	500	b	a	a
b	b	c	18000	b	100	100	b	b	b
b	a	c	35000	b	300	300	b	d	c
b	c	c	40000	b	100	80	a	b	a
c	a	a	50000	b	700	500	a	c	b
b	a	c	47000	b	1000	800	a	d	c
a	a	c	26000	b	500	400	a	d	a
b	b	c	10000	b	120	120	b	d	b
c	c	d	20000	b	500	500	b	c	b
b	b	c	5000	b	****	***	b	***	***
b	b	c	7000	b	***	***	b	***	***
b	a	c	21000	c	150	150	b	d	b
***	d	c	50000	b	500	200	a	b	a
c	a	b	50000	b	***	***	a	d	a
d	b	a	11000	b	250	250	a	a	c
c	b	a	17000	b	300	100	b	b	c
***	b	c	6000	b	1000	800	a	d	b
b	a	c	10000	b	100	100	a	d	d
c	a	c	8000	b	100	100	b	b	c
a	a	c	40000	b	200	200	a	b	d
***	***	***	***	***	***	***	***	***	***
b	***	c	5000	b	500	300	b	c	a
***	b	c	60000	b	500	200	b	d	a
b	a	c	42000	a	1000	1000	a	b	a
c	a	c	17000	a	80	80	b	b	a
***	c	c	45000	c	***	***	a	***	***
b	a	c	40000	b	***	***	a	d	e
***	***	***	***	***	***	***	***	***	***
c	b	b	30000	a	100	100	b	d	a
b	b	b	35000	a	300	250	a	a	d

Type of card	Vehicle	Visit Hotel	Gym Member	Other Exe.	Type of Food	Blood Group
a	c	b	b	***	a	B+ve
a	a	c	b	b	b	O+ve
***	c	b	b	***	b	***
a	a	b	b	a	a	B+ve
a	c	b	a	b	b	A+ve
a	c	b	b	***	a	B+ve
a	a	b	b	***	a	O+ve
a	a	c	b	***	a	O+ve
a	c	b	b	***	a	A+ve
a	c	b	b	***	b	B+ve
a	a	b	a	***	b	O+ve
a	c	c	b	***	a	B+ve
a	a	b	b	***	a	B+ve
a	a	c	b	a	b	***
a	c	c	b	c	b	B+ve
a	a	c	b	***	b	O+ve
a	a	b	b	b	b	***
a	a	c	a	***	b	***
a	c	a	b	b	a	O+ve
a	***	***	b	***	a	B+ve
***	c	***	b	a	b	***
***	c	***	b	a	b	B+ve
a	a	a	b	c	a	***
a	d	a	b	c	b	B+ve
a	a	c	b	c	b	B+ve
a	a	a	a	a	b	***
a	c	b	b	***	b	B+ve
a	c	c	b	***	b	O+ve
a	c	b	b	c	b	O+ve
a	c	b	b	c	b	A+ve
a	c	b	b	b	b	B+ve
***	***	***	***	***	***	***
a	***	b	b	***	b	***
a	a	b	b	***	b	***
a	a	c	b	a	a	B+ve
a	a	c	b	a	b	O+ve
***	***	***	b	c	a	B+ve
a	c	c	a	b	a	B+ve
***	***	***	***	***	***	***
a	c	c	b	c	b	O+ve
a	c	c	b	c	b	B+ve

Sr.No	Names	10th	12th	T.V	Study	Aim	Hobby
	Botny						
285	Charu R. Lulla	85	72.2	1	2	professer	listening. Music
286	Tejashri R.Deore	75.8	64.3	3	1	gov. job	dancing
287	Akansha V. Patil	72.4	81	1	2	gov. job	dancing
288	Dipashri V. Chaudhari	72.1	56.3	5	2	private job	reading
289	Pallavi S.Shelar	76.3	51.2	1	2	gov. job	writing
290	Manisha R.Rathod	72.5	55.9	6	3	private job	selfi
291	Jayshree A.Shinde	74	61.15	2	3	lecturer	reading
292	Maheshwari H.Patil	67.8	60.3	2	1	artist	singing
293	Bhatabai K.Patil	66	56.2	1	2	private job	dancing
294	Shubhangi C.patil	84.6	63.45	2	1	private job	listening. Music
295	Priyanka R.patil	76.3	60.25	2	2	gov. job	watching tv
296	Ashwini Y.patil	74.2	57.8	2	1	lecturer	listening. Music
297	jagruti Gorane	78.9	66.6	2	2	proffeser	reading
298	Mamta Shinde	0	0	0	0	***	***
299	Komal Patil	70	65	2	2	private job	singing

Channel	Father	Mother	Income	House	Earn	Spent	ATM	Mobile	Sim
b	b	c	20000	b	200	150	b	a	e
b	a	a	25000	b	200	200	b	a	a
b	c	c	50000	b	500	200	b	a	e
b	b	a	70000	b	200	100	b	b	c
b	b	c	60000	b	200	100	b	a	c
e	a	c	15000	b	200	200	b	b	c
b	c	c	35000	b	100	50	a	***	***
d	c	c	35000	b	100	50	a	a	b
b	c	c	20000	c	100	50	b	a	c
b	c	c	35000	b	100	50	b	***	***
b	b	c	36000	b	200	100	b	b	a
b	c	c	35000	b	100	50	b	***	***
b	c	c	38000	b	100	100	b	c	a
***	***	***	****	***	***	***	***	***	***
d	c	c	37000	b	100	50	b	***	***

Type of card	Vehicle	Visit Hotel	Gym Member	Other Exe.	Type of Food	Blood Group
a	a	a	b	***	a	B+ve
a	a	***	b	a	a	B+ve
a	a	a	b	c	b	AB+ve
a	a	a	b	***	b	***
a	a	b	b	***	a	B+ve
a	a	b	b	a	a	A+ve
***	c	b	b	***	b	AB-ve
a	c	b	b	***	a	****
a	c	a	b	***	a	O+ve
***	c	a	b	***	b	***
a	a	b	b	***	a	O-ve
***	c	a	b	***	b	****
a	c	a	b	***	a	A+ve
***	***	***	***	***	***	***
***	c	b	b	***	b	***

✚ Tabulation

1]

Type of card	No. of students
Prepaid	254
postpaid	10

2]

ATM Card	No. of student
Yes	110
No	177

3]

Member of gym	No. of student
Yes	25
No	261

4]

Excersice	
Yoga	50
Suryanamaskar	36
Other Excersice	53

✚ Conclusion -

1)   In our survey we notice that maximum number of student are used prepaid cards.

2) In the table second we conclude that there are many students are not used ATM cards.

3) In our survey Only 8% students are attaining gym. 45% students are not doing any exercise.

1] Sub-divided Bar Diagram -

Occupation	Father	Mother
Service	135	25
Business	82	9
Housekeeper	0	248
Farmer	52	4
Other	12	0
Total=	**281**	**286**
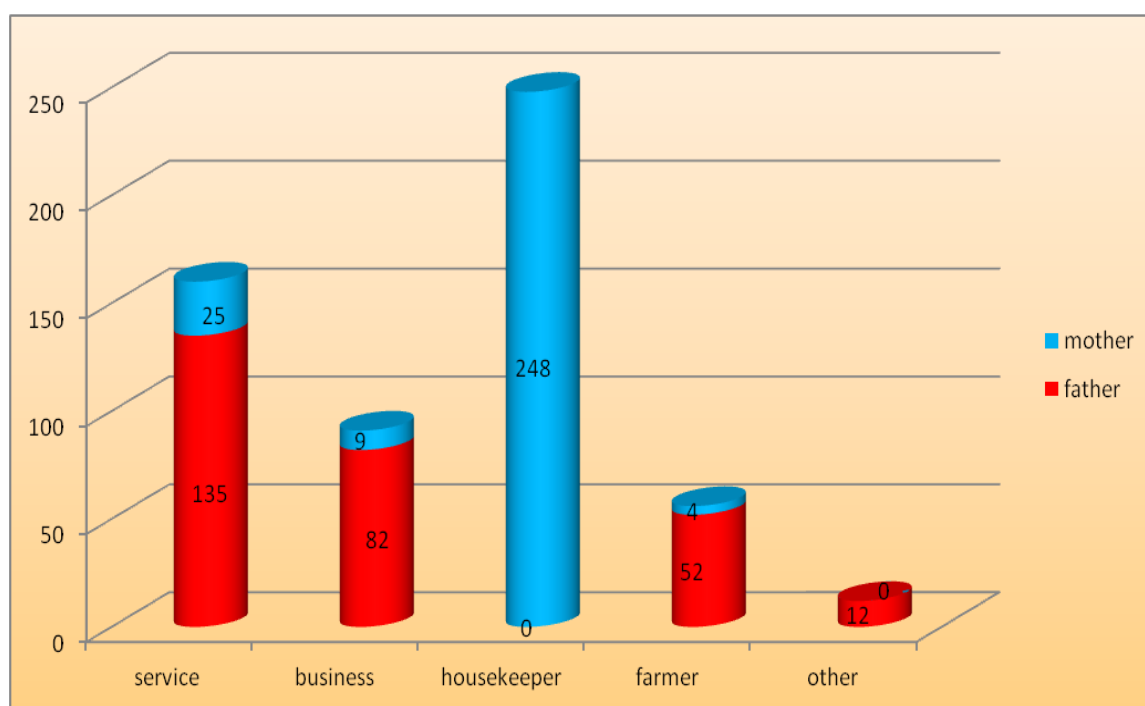
➕ Conclusion-

From the above sub-divided bar diagram we may conclude that most the women are housewives and most of the men are service holder.

2] Simple Bar Diagram

Type of house	No. of families
Flat	19
Bungalow	243
Rental house	25
Total	**287**
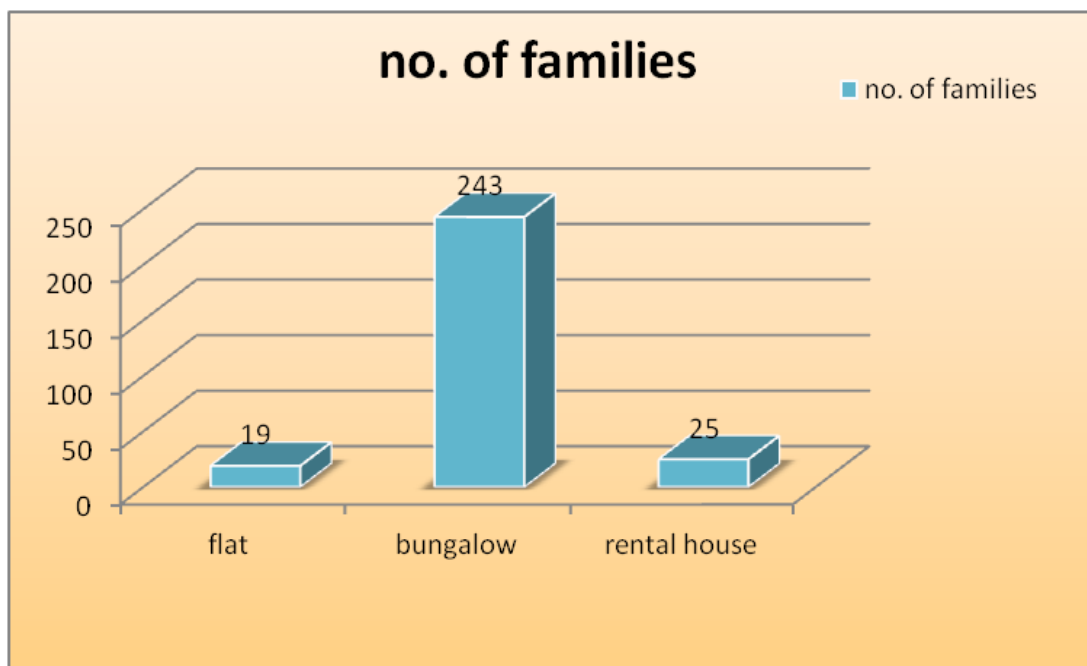
<img> Conclusion-

As shown in the above bar diagram we may conclude that most of the families are living in their own bungalow and then rental house followed by flat system houses.

3] Pie Diagram

Sim card	No. of student
jio	98
idea	75
vodafone	55
airtel	16
other	20
Total	**264**
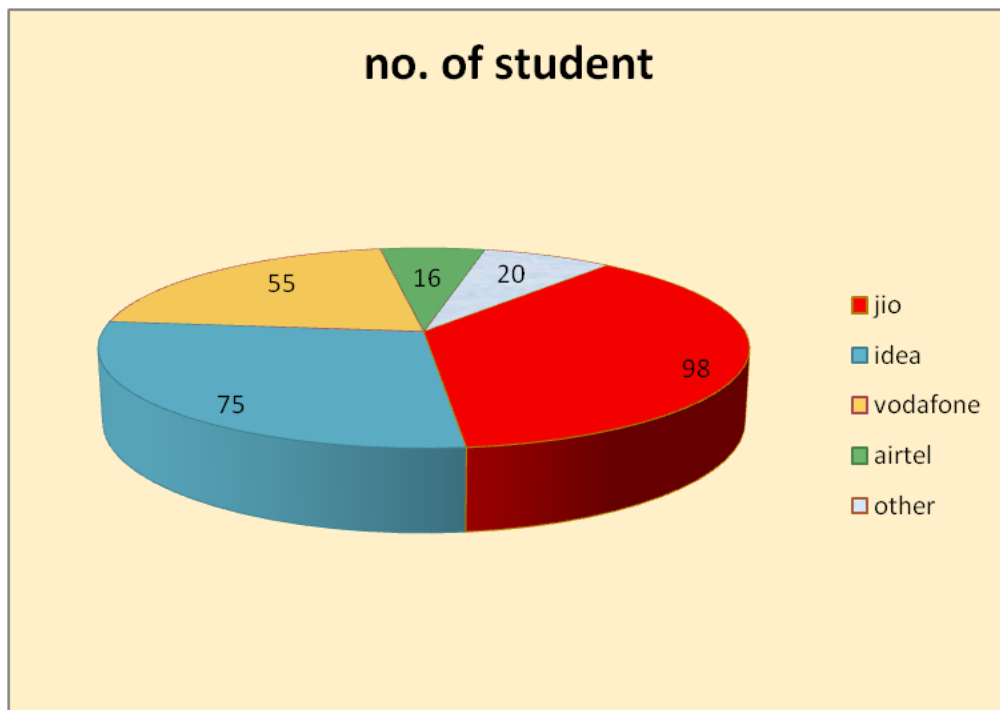
no. of student

🞣 Conclusion-

From the above pie diagram we may conclude that maximum number of student is using jio card and then idea sim card is mostly used.

4] Pie Diagram

Handset	No. of student
samsung	82
redmi	78
opp/vivo	35
other	69
Total	**264**
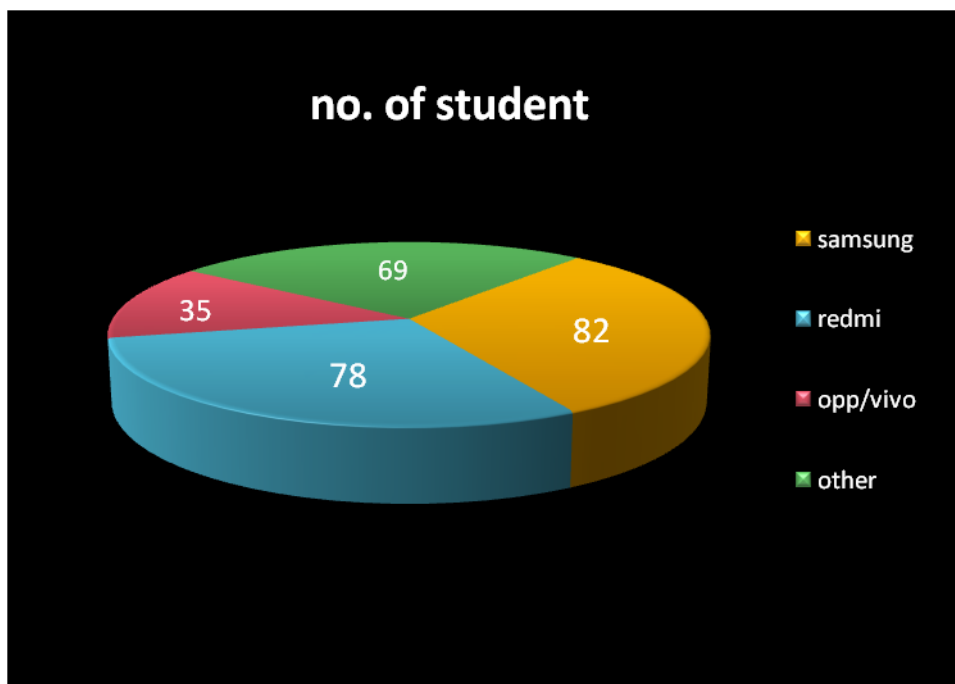
🞣 Conclusion-

From the above pie diagram we may conclude that maximum number of students are using handset of Samsung company and then after handset of Redmi company are mostly in use.

5] Simple bar diagram

Channel	No. of student
News	22
Entertainment	195
Sports	24
Discovery	27
Other	2
Total	**270**
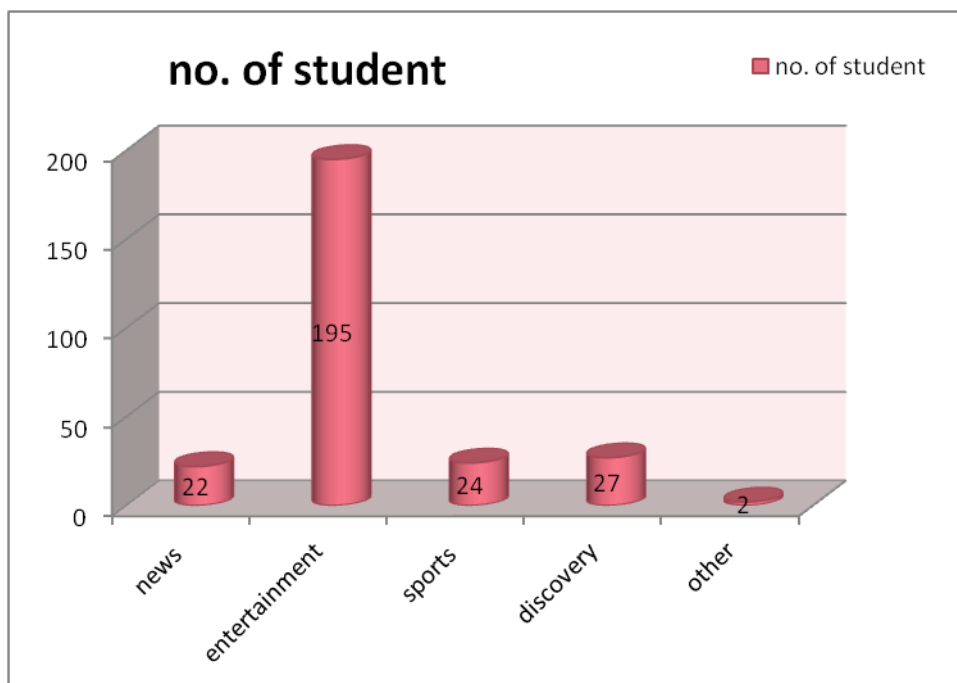
➕ Conclusion-

From the above bar diagram most of the students are watching entertainment channels.

6] Pie Diagram

Blood group	No. of student
A+ve	41
B+ve	96
AB+ve	13
O+ve	71
A-ve	2
B-ve	0
AB-ve	2
O-ve	4
unknown	58
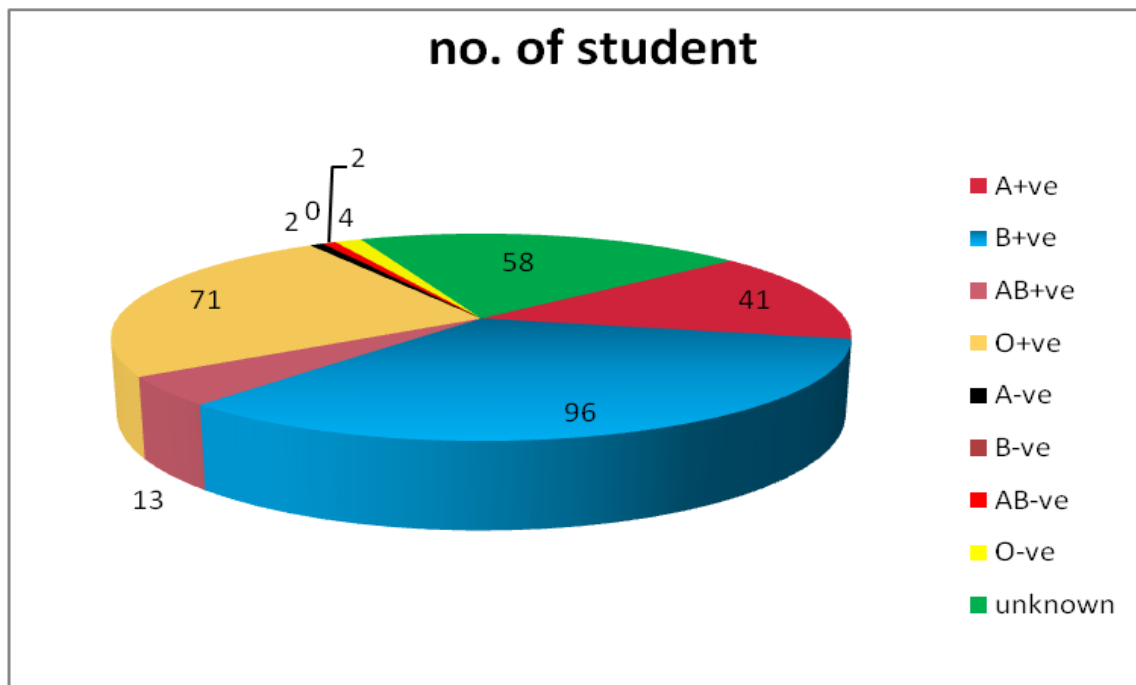
✚ Conclusion-

In our survey it is observed that B+ blood group is frequent and % of negative blood group is very less.

7] Simple Bar Diagram

Visit hotel	No. of student
Family	57
Friends	103
Both	96
Total	**256**
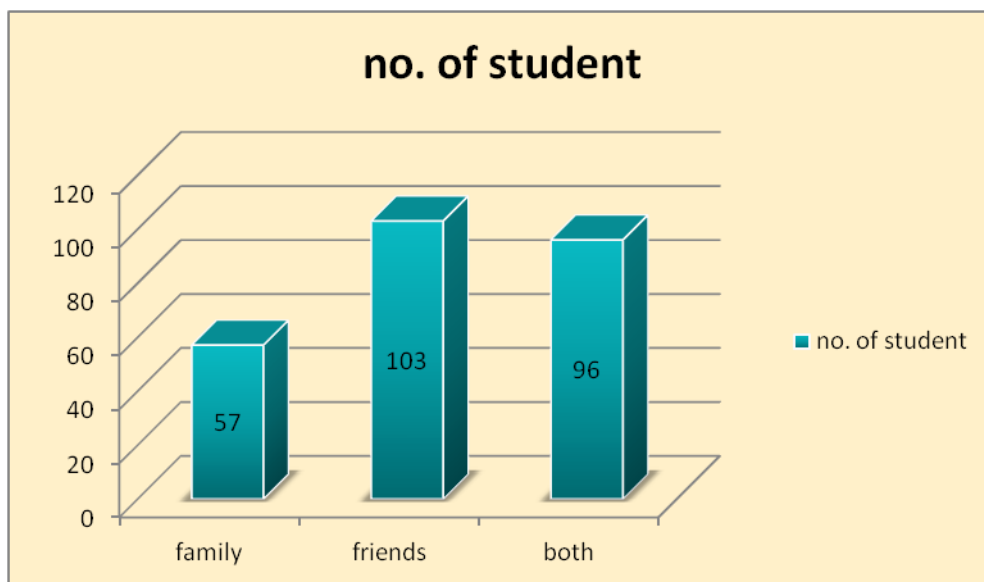
➕ Conclusion-

From the above bar-diagram we may say that most of the students are like to go with friends in hotel.

8] Simple Bar Diagram

Vehicle	No. of student
Bike	146
Car	3
Cycle	106
Total	**255**
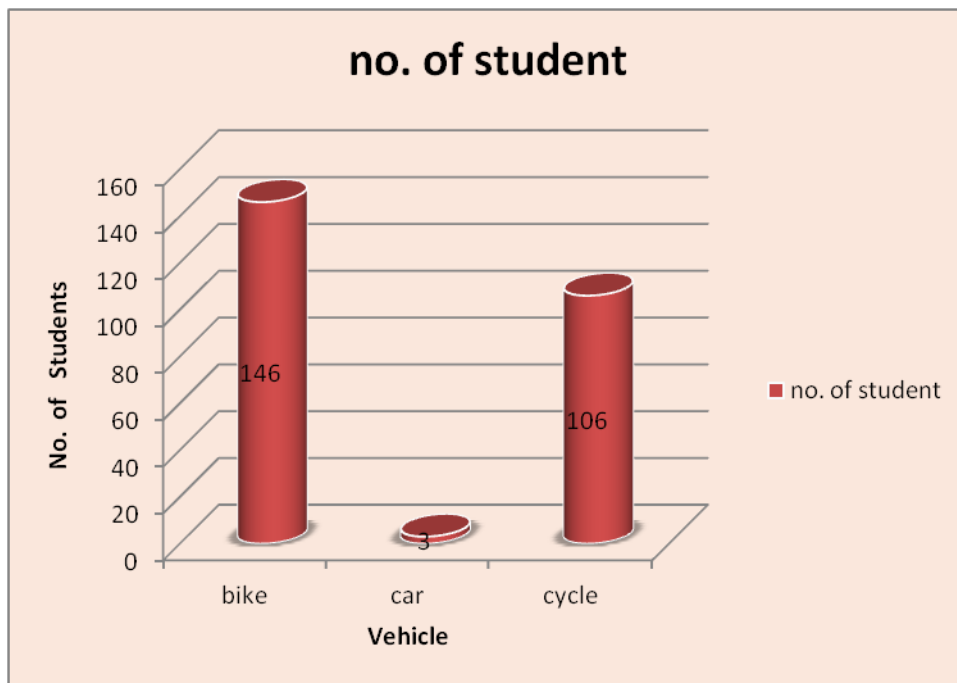
↓ Conclusion-

In our survey it is observed that bikes are most in use.

9] Application of Coefficient of Variation

Pocket money earned		No of student	Mid pt	fixi	fixi^2
L.L	U.L				
0	200	69	100	6900	690000
200	400	69	300	20700	6210000
400	600	55	500	27500	13750000
600	800	23	700	16100	11270000
800	1000	13	900	11700	10530000
1000	1200	57	1100	62700	68970000
		287		145600	1.11E+08

Mean=	509.0909091
Variance=	389580.4196
s.d.=	624.1637762
c.v=	81.56367423

Pocket money spent		No of student	Mid pt	fixi	fixi^2
L.L	U.L				
0	200	105	100	10500	1050000
200	400	80	300	24000	7200000
400	600	39	500	19500	9750000
600	800	18	700	12600	8820000
800	1000	18	900	16200	14580000
1000	1200	26	1100	28600	31460000
		287		111400	72860000

Mean=	389.5104895
Variance=	254755.2448
s.d.=	504.7328449
c.v=	77.17161532

➕ Conclusion -

I) The pocket money is not fully spent by the student but some amount of it is saved.

II) Variability is more in the distribution of pocket money earned by students than variability in the distribution of pocket money earned by the students.

To test the goodness of fit of log normal distribution

Monthly income		Family
L.L	U.L	
0	10000	39
10000	20000	69
20000	30000	54
30000	40000	49
40000	50000	38
50000	60000	23
60000	70000	10
70000	80000	3
80000	90000	1
90000	100000	1
Total=		287

Ho=Fitting of Log-Normal to the income distribution is good
H1=Fitting of Log-Normal to the income distribution is not good

LL	UL	f	x	fx	fx^2	cum freq	pi	ei
0	10000	39	5000	195000	9.75E+08	0.054401	0.054401	15.61314
10000	20000	69	15000	1035000	1.55E+10	0.353424	0.299022	85.81943
20000	30000	54	25000	1350000	3.38E+10	0.633806	0.280383	80.46979
30000	40000	49	35000	1715000	6E+10	0.80273	0.168924	48.48107
40000	50000	38	45000	1710000	7.7E+10	0.893724	0.090995	26.11545
50000	60000	23	55000	1265000	6.96E+10	0.941729	0.048005	13.77741
60000	70000	10	65000	650000	4.23E+10	0.967295	0.025566	7.337359
70000	80000	3	75000	225000	1.69E+10	0.981188	0.013893	3.987177
80000	90000	1	85000	85000	7.23E+09	0.988917	0.007729	2.218274
90000	100000	1	95000	95000	9.03E+09	0.993321	0.004404	1.264066
Total=		287		8325000	3.32E+11		0.993321	285.0832

m1'=   29006.9686
m2'=   1157404181
m2=   m2'-m1'^2   3.16E+08
sigma^2=   0.3188628   sd=   0.564679
mean=   10.11586

LL	UL	oi	ei	oi^2/ei
0	10000	39	15.61314	97.41796
10000	20000	69	85.81943	55.47695
20000	30000	54	80.46979	36.2372
30000	40000	49	48.48107	49.52448
40000	50000	38	26.11545	55.29293
50000	60000	23	13.77741	38.3962
60000	70000	10	7.337359	13.62888
70000	80000	5	7.469517	3.346937
80000	90000			
90000	100000			
total=				349.3215

Here

n=	8
k=	2
n-k-1=	5
χ^2(cal)=	62.321541

1) For : α= 5%

Under Ho:

Reject Ho at 5% L.O.S if χ^2(cal) > χ^2_{n-k-1}

Otherwise accept it.

$X^2_{8,0.05}$= 11.0705

Here χ^2_{cal} > $\chi^2_{8,0.05}$

We may reset Ho at 5% L.O.S

🞢 Conclusion-

Fitting of log-normal distribution to the income distribution is not good.

2) For α=1%

Under Ho:

Reject Ho at 1% L.O.S if $\chi^2(cal) > \chi^2_{n-k-1}$

Otherwise accept it.

Here $\chi^2_{cal} > \chi^2_{8,0.01}$

We may reset Ho at 1% L.O.S

+ Conclusion-

Fitting of log-normal distribution to the income distribution is not good.

Correlations

1] Correlation of marks between 10th and 12th

$$= 0.853824$$

+ Conclusion-

There is a considerable positive correlation between the percentage of 10th and 12th standard.

To test whether the proportion of pure vegetarian is 50%

Food	No. of student
pure veg	118
non veg	169

Here;

   we consider population is taken as sample.

Let

x = No. of pure veg in sample = 118;

n = sample size =287;

p = Population proportion=x/n=0.4111;

We want to test :

Ho: P=0.5   Vs H_1:P<0.5

Under Ho

$Z = (p-P_0)/sqrt(P_0 Q_0/n) \sim N(0,1)$

Z = -3.0104

Decision rule -

   Reject Ho at α% l.o.s if $|z_{cal}|<= Z_\alpha$, Otherwise accept Ho

For α=0.05

Here Z_α=1.6448

Then $|z_{cal}|>=Z_{0.05}$

Therefore we may reject Ho at 5% l.o.s.

➕ Conclusion : -

   We may conclude that proportion of pure vegetarian in population is less than 50%.

Z test for testing of average number of study hrs. for science and commerce student:-

x= Study hrs. for statistics students

y= Study hrs. for physics students

x	y
2	4
3	5
3	2
2	2
2	4
2	0
3	2
3	1
2	2
3	3
1	2
1	2
1	3
1	3
2	4
3	2
1	1
1	3
3	2
4	3
2	4
3	4
2	2
3	1
1	2
1	3
3	3
1	1
3	1
2	3
4	1
	0

We want to test test

$H_0 : \mu_1 = \mu_2$ Vs. $H_0 : \mu_1 \neq \mu_2$

$\alpha = 0.05$

$n_1 = 31$

$n_2 = 32$

$\sigma_1^2 = 0.894623656$

$\sigma_2^2 = 1.523185484$

xbar = 2.193548387

ybar = 2.34375

$Z_{cal} = (Xbar - Ybar)/sqrt(\sigma_1^2/n_1 + \sigma_2^2/n_2)$

$Z_{cal} = 0.543202884$

$Z_{tab} = 1.64485362$

|Zcal| < Ztab

➕ Conclusion-

Average no. of study hours spent by student of statistics and physics are same.

Two sample run test

Let us verify the both sample taken from same population.

Consider,
A= Sample of geology student.
B= Sample of Botany student.

Consider,
Ho= Samples are taken from same population.
H1=Samples are not taken from same population

+ = Percentage of 12th std. of geology student

- = Percentage of 12th std. of botany students

A : 70 62 63 70 61 58.6 67 67.4 73 58 60 48 38 49 57
B : 72.2 64.3 81 56.3 51.2 55.9 61.15 60.3 56.2 63.45 60.25 57.8 66.6 0 65

Arranging in increasing order by combine sample,

0 38 48 49 51.2 55.9 56.2 56.3 57 57.8 58 58.6 60 60.2 5 60.3 61
61.15 62 63 63.45 64.3 64.4 65 66.6 67 70 70 72.2 73 81

- + + + - - - - + - + + + - -   + - + + - - + - - + + + - + -
r = No. of Runs= 17

n1= No. of students in geology= 15
n2= No. of students in botony= 15

r_0= 10
$r_0 < r$
Therefore H_0 is accepted

✦ Conclusion -
              Both samples are taken from same population.

🔸 Conclusions -

1]
    Many hobbies are noted by students are reading, listening music, cricket, cooking, dancing, singing, watching TV, playing video games, internet surfing, drawing, playing chess, gymnasium etc. but maximum no of students has hobbies of listening music and singing.

2]
    Many aim noted by students are private job, government job, businessman, professor, sportsman, artist , social services and journalist etc. But among this there are more preference is given to become a government officer and workers. Preference to journalist and sportsman is very rare.

🔸 Reference -

1) Text book of statistics of F.Y., S.Y. and T.Y. B.Sc

2) Google Search

🔸 Software used -

1) Microsoft Excel

2) Microsoft Word