From Sheet1 we have removed following attributes because these attributes had no affect.

Attribute Names: Timestamp, Roll No, Name, Email

Following examinations have been done after removing above mentioned attributes.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Favorite Subject 1 | | | | |
|  | Data Structures | Database Systems | Digital Electronics | Object Oriented Programming |
| Male | 1 | 7 | 6 | 12 |
| Female | 13 | 12 | 4 | 10 |
| Total | 14 | 19 | 10 | 22 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Favorite Subject 2 | | | | |
|  | Automata Theory | Computer Networks | Computer Organization | Information Theory |
| Male | 11 | 5 | 10 | 0 |
| Female | 10 | 18 | 17 | 4 |
| Total | 21 | 23 | 17 | 4 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Favorite Subject 3 | | | | |
|  | Computer Graphics | Database Systems | Embedded Systems | Operating Systems |
| Male | 8 | 2 | 2 | 14 |
| Female | 9 | 3 | 1 | 26 |
| Total | 17 | 5 | 3 | 40 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Domain | | | | | | |
|  | Android Application | Big Data Analytics | Cloud Computing | Image Processing | Information and Network Security | Machine Learning and Data Mining |
| Male | 10 | 1 | 9 | 1 | 1 | 4 |
| Female | 17 | 1 | 8 | 0 | 13 | 0 |
| Total | 27 | 2 | 17 | 1 | 14 | 4 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Looking for Post Graduation | | | | |
|  | M.B.A | M.E. / M. Tech. | M.S. (Masters degree from foreign University) | Not interested |
| Male | 3 | 4 | 2 | 17 |
| Female | 4 | 8 | 3 | 24 |
| Total | 7 | 12 | 5 | 41 |

|  |  |  |
| --- | --- | --- |
| Competitive Exam | | |
|  | Yes | No |
| Male | 14 | 12 |
| Female | 19 | 20 |
| Total | 33 | 32 |

From Sheet2 we have removed inconsistency as data were collected from multiple students and it had lot of inconsistency. E.g. Favorite Sport Player is “Mahendra Singh Dhoni” and “M. S. Dhoni” are logically same but technically different.

Following examinations have been done after removing inconsistency.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Favorite Color | | | | | | | |
| Black | Blue | Orange | Pink | Purple | Red | White | Yellow |
| 12 | 18 | 2 | 6 | 6 | 4 | 2 | 2 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Favorite Flower | | | | | |
| Jasmine | Lilly | Lotus | Mogara | Rose | Sunflower |
| 6 | 13 | 11 | 5 | 34 | 2 |

|  |  |  |
| --- | --- | --- |
| Favorite Sport | | |
| Cricket | Football | Tennis |
| 49 | 11 | 4 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Favorite Color & Flower | | | | | | | | |
|  | Black | Blue | Red | Pink | Purple | Orange | Yellow | White |
| Rose | 13 | 8 | 2 | 5 | 2 | 1 | 1 | 1 |
| Lilly | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jasmine | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lotus | 3 | 4 | 3 | 0 | 0 | 1 | 0 | 0 |
| Mogara | 0 | 1 | 0 | 0 | 3 | 0 | 1 | 0 |
| Sunflower | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |

|  |  |  |  |
| --- | --- | --- | --- |
| Favorite Sport & Player | | | |
|  | Cricket | Football | Tennis |
| Cristiano Ronaldo | 0 | 4 | 0 |
| Lionel Messi | 0 | 4 | 0 |
| Mahendra Singh Dhoni | 23 | 2 | 0 |
| P.V Sindhu | 1 | 1 | 1 |
| Sachin Tendulakar | 12 | 0 | 2 |
| Virat Kohli | 13 | 0 | 1 |