UNIVERSITY OF BARISHAL

Submitted to:

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roll:01-033-20

batch:33

computer fundamental and office applications

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| --- | --- | --- | --- | --- | --- |
| **Student ID** | **Age** | **Preferred Genre** | **Reading Frequency** | **Time Spent Reading per Week** | **Preferred Format** |
| S0001 | 19 | Poem | Daily | 3-5 hours | Physical books |
| S0002 | 20 | Fiction | Rarely | 1-3 hours | Audiobooks |
| S0003 | 18 | Poem | Rarely | 3-5 hours | Physical books |
| S0004 | 19 | Romantic Novel | Daily | Less than 1 hour | E-books |
| S0005 | 29 | Romantic Novel | Weekly | More than 5 hours | Physical books |
| S0006 | 28 | Drama | Weekly | More than 5 hours | E-books |
| S0007 | 23 | Novel | Weekly | More than 5 hours | Physical books |
| S0008 | 21 | Poem | Daily | 3-5 hours | Audiobooks |
| S0009 | 24 | Romantic Novel | Weekly | More than 5 hours | Audiobooks |
| S0010 | 20 | Poem | Monthly | More than 5 hours | Physical books |
| S0011 | 28 | Novel | Weekly | More than 5 hours | E-books |
| S0012 | 20 | Romantic Novel | Rarely | Less than 1 hour | Audiobooks |
| S0013 | 19 | Drama | Monthly | More than 5 hours | Physical books |
| S0014 | 19 | Romantic Novel | Monthly | More than 5 hours | E-books |
| S0015 | 26 | Novella | Rarely | 1-3 hours | E-books |
| S0016 | 19 | Fiction | Monthly | More than 5 hours | Audiobooks |
| S0017 | 21 | Novel | Rarely | 3-5 hours | E-books |
| S0018 | 28 | Novella | Weekly | 1-3 hours | Audiobooks |
| S0019 | 24 | Novella | Monthly | 1-3 hours | E-books |
| S0020 | 25 | Drama | Rarely | More than 5 hours | E-books |
| S0021 | 18 | Short Story | Daily | More than 5 hours | Audiobooks |
| S0022 | 20 | Short Story | Monthly | Less than 1 hour | Audiobooks |
| S0023 | 18 | Poem | Daily | More than 5 hours | Audiobooks |
| S0024 | 27 | Short Story | Weekly | Less than 1 hour | Physical books |
| S0025 | 28 | Romantic Novel | Weekly | Less than 1 hour | Audiobooks |
| S0026 | 20 | Fiction | Daily | 3-5 hours | E-books |
| S0027 | 26 | Short Story | Rarely | More than 5 hours | E-books |
| S0028 | 29 | Novella | Daily | More than 5 hours | Physical books |
| S0029 | 19 | Short Story | Daily | 3-5 hours | Audiobooks |
| S0030 | 18 | Poem | Rarely | 3-5 hours | Physical books |
| S0031 | 24 | Fiction | Weekly | 1-3 hours | Audiobooks |
| S0032 | 22 | Poem | Weekly | Less than 1 hour | Audiobooks |
| S0033 | 26 | Drama | Weekly | Less than 1 hour | Audiobooks |
| S0034 | 21 | Drama | Rarely | 3-5 hours | Audiobooks |
| S0035 | 23 | Fiction | Monthly | 3-5 hours | Physical books |
| S0036 | 24 | Romantic Novel | Daily | Less than 1 hour | Physical books |
| S0037 | 27 | Drama | Weekly | 1-3 hours | Physical books |
| S0038 | 20 | Poem | Rarely | 1-3 hours | E-books |
| S0039 | 18 | Poem | Weekly | More than 5 hours | Audiobooks |
| S0040 | 21 | Drama | Daily | 3-5 hours | Physical books |
| S0041 | 23 | Short Story | Daily | 3-5 hours | Physical books |
| S0042 | 26 | Drama | Daily | More than 5 hours | Physical books |
| S0043 | 28 | Novella | Monthly | Less than 1 hour | E-books |
| S0044 | 28 | Fiction | Monthly | 1-3 hours | Physical books |
| S0045 | 24 | Romantic Novel | Daily | Less than 1 hour | Physical books |
| S0046 | 25 | Fiction | Rarely | More than 5 hours | E-books |
| S0047 | 29 | Short Story | Monthly | 1-3 hours | E-books |
| S0048 | 25 | Short Story | Rarely | Less than 1 hour | Physical books |
| S0049 | 24 | Novel | Daily | 3-5 hours | Physical books |
| S0050 | 23 | Short Story | Weekly | 3-5 hours | Physical books |

QUESTIONS:

1.Create a pivot table to count how many students belong to each genre?

2.Find out average reading hour for each student and create pie chart to visually represent this data.

3.create bar chart showing the number of students in each book format.

4.short the students by age in descending order

5.Filter the data to show only students who read E-BOOK

1.Create a pivot table to count how many students belong to each genre

|  |  |
| --- | --- |
| **Row Labels** | **Count of Student ID** |
| Drama | 10 |
| Fiction | 7 |
| Novel | 4 |
| Novella | 6 |
| Poem | 13 |
| Romantic Novel | 10 |
| Short Story | 10 |
| **Grand Total** | **60** |

A pivot table was created to categorized the students on the basis of literature genre. This helped in easily counting how many students in each seasons. The pivot table efficiently summarized the dataset ,allowing for quick analysis of flowering patterns.

2.Use a pivot table to find the numbers of students and their reding hours

|  |  |
| --- | --- |
| **Row Labels** | **Count of Student ID** |
| 1-3 hours | 12 |
| 3-5 hours | 17 |
| Less than 1 hour | 13 |
| More than 5 hours | 18 |
| **Grand Total** | **60** |

Summary: A pivot table was used to calculate the average reading hours of different students . This analysis provide insights into how much reading hours is spent by different readers.

3.Create a bar chart showing the number students in each book format.

|  |  |
| --- | --- |
| **Row Labels** | **Count of Student ID** |
| Audiobooks | 20 |
| E-books | 18 |
| Physical books | 22 |
| (blank) |  |
| **Grand Total** | **60** |
|  |  |

A Table was used to calculate the number of each book format such as physical book ,Audio book Physical book .This analysis highlights how many students use various book format.

4.shorting the students age in Ascending order

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| S0053 | 20 | **Student ID** | **Age** | **Preferred Genre** | **Reading Frequency** | **Time Spent Reading per Week** | **Preferred Format** |
| S0054 | 20 | S0003 | 18 | Poem | Rarely | 3-5 hours | Physical books |
| S0058 | 20 | S0021 | 18 | Short Story | Daily | More than 5 hours | Audiobooks |
| S0008 | 21 | S0023 | 18 | Poem | Daily | More than 5 hours | Audiobooks |
| S0017 | 21 | S0030 | 18 | Poem | Rarely | 3-5 hours | Physical books |
| S0034 | 21 | S0039 | 18 | Poem | Weekly | More than 5 hours | Audiobooks |
| S0040 | 21 | S0057 | 18 | Poem | Daily | Less than 1 hour | Audiobooks |
| S0032 | 22 | S0001 | 19 | Poem | Daily | 3-5 hours | Physical books |
| S0051 | 22 | S0004 | 19 | Romantic Novel | Daily | Less than 1 hour | E-books |
| S0007 | 23 | S0013 | 19 | Drama | Monthly | More than 5 hours | Physical books |
| S0035 | 23 | S0014 | 19 | Romantic Novel | Monthly | More than 5 hours | E-books |
| S0041 | 23 | S0016 | 19 | Fiction | Monthly | More than 5 hours | Audiobooks |
| S0050 | 23 | S0029 | 19 | Short Story | Daily | 3-5 hours | Audiobooks |
| S0055 | 23 | S0002 | 20 | Fiction | Rarely | 1-3 hours | Audiobooks |
| S0059 | 23 | S0010 | 20 | Poem | Monthly | More than 5 hours | Physical books |
| S0009 | 24 | S0012 | 20 | Romantic Novel | Rarely | Less than 1 hour | Audiobooks |
| S0019 | 24 | S0022 | 20 | Short Story | Monthly | Less than 1 hour | Audiobooks |
| S0031 | 24 | S0026 | 20 | Fiction | Daily | 3-5 hours | E-books |
| S0036 | 24 | S0038 | 20 | Poem | Rarely | 1-3 hours | E-books |
| S0045 | 24 | Romantic Novel | Daily | Less than 1 hour | Physical books |
| S0049 | 24 | Novel | Daily | 3-5 hours | Physical books |
| S0020 | 25 | Drama | Rarely | More than 5 hours | E-books |
| S0046 | 25 | Fiction | Rarely | More than 5 hours | E-books |
| S0048 | 25 | Short Story | Rarely | Less than 1 hour | Physical books |
| S0015 | 26 | Novella | Rarely | 1-3 hours | E-books |
| S0027 | 26 | Short Story | Rarely | More than 5 hours | E-books |
| S0033 | 26 | Drama | Weekly | Less than 1 hour | Audiobooks |
| S0042 | 26 | Drama | Daily | More than 5 hours | Physical books |
| S0024 | 27 | Short Story | Weekly | Less than 1 hour | Physical books |
| S0037 | 27 | Drama | Weekly | 1-3 hours | Physical books |
| S0006 | 28 | Drama | Weekly | More than 5 hours | E-books |
| S0011 | 28 | Novel | Weekly | More than 5 hours | E-books |
| S0018 | 28 | Novella | Weekly | 1-3 hours | Audiobooks |
| S0025 | 28 | Romantic Novel | Weekly | Less than 1 hour | Audiobooks |
| S0043 | 28 | Novella | Monthly | Less than 1 hour | E-books |
| S0044 | 28 | Fiction | Monthly | 1-3 hours | Physical books |
| S0052 | 28 | Drama | Weekly | 1-3 hours | Audiobooks |
| S0060 | 28 | Romantic Novel | Weekly | 3-5 hours | Physical books |
| S0005 | 29 | Romantic Novel | Weekly | More than 5 hours | Physical books |
| S0028 | 29 | Novella | Daily | More than 5 hours | Physical books |
| S0047 | 29 | Short Story | Monthly | 1-3 hours | E-books |
| S0056 | 29 | Romantic Novel | Monthly | 3-5 hours | Audiobooks |

5.Filter the data to show only students who read E-Book

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Student ID** | **Age** | **Preferred Genre** | **Reading Frequency** | **Time Spent Reading per Week** | **Preferred Format** |
| S0059 | 23 | Novella | Rarely | 1-3 hours | E-books |
| S0054 | 20 | Poem | Monthly | 1-3 hours | E-books |
| S0053 | 20 | Poem | Weekly | 3-5 hours | E-books |
| S0051 | 22 | Short Story | Daily | More than 5 hours | E-books |
| S0047 | 29 | Short Story | Monthly | 1-3 hours | E-books |
| S0046 | 25 | Fiction | Rarely | More than 5 hours | E-books |
| S0043 | 28 | Novella | Monthly | Less than 1 hour | E-books |
| S0038 | 20 | Poem | Rarely | 1-3 hours | E-books |
| S0027 | 26 | Short Story | Rarely | More than 5 hours | E-books |
| S0026 | 20 | Fiction | Daily | 3-5 hours | E-books |
| S0020 | 25 | Drama | Rarely | More than 5 hours | E-books |
| S0019 | 24 | Novella | Monthly | 1-3 hours | E-books |
| S0017 | 21 | Novel | Rarely | 3-5 hours | E-books |
| S0015 | 26 | Novella | Rarely | 1-3 hours | E-books |
| S0014 | 19 | Romantic Novel | Monthly | More than 5 hours | E-books |
| S0011 | 28 | Novel | Weekly | More than 5 hours | E-books |
| S0006 | 28 | Drama | Weekly | More than 5 hours | E-books |
| S0004 | 19 | Romantic Novel | Daily | Less than 1 hour | E-books |