**Essentials of IT**

**Internal Assignment Applicable for June 2023 Examination**

**1) Use the table presented below to answer the following questions:**

**a. Highlight all the dates after October 10, 2018**

**b. Highlight all the grades above average in English**

**c. Higlight all the duplicate names**

**d. Highlight all cells greater than the median of the range in English.**

**e. Use a data bar to show how big the the marks in Maths are as compared to the other values in the range**

**f. Sort the table to display marks in the ascending order of scrores obtained in Maths**

**g. Filter the table to display the results for students in the year 2018**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date**  | **Name**  | **English**  | **Math**  |
| **03-11-2018**  | **Dhaval**  | **59**  | **79**  |
| **11-05-2019**  | **Prerak**  | **56**  | **59**  |
| **03-12-2018**  | **Harsh**  | **75**  | **60**  |
| **26-09-2019**  | **Donny**  | **99**  | **78**  |
| **12-04-2018**  | **Madhavi**  | **86**  | **87**  |
| **03-01-2019**  | **Meet**  | **72**  | **88**  |
| **06-05-2018**  | **Hannah**  | **89**  | **71**  |
| **21-06-2019**  | **Pooja**  | **67**  | **78**  |
| **24-07-2019**  | **Dhaval**  | **76**  | **99**  |
| **22-04-2018**  | **Harsh**  | **80**  | **54**  |
| **08-06-2019**  | **Dean**  | **71**  | **57**  |
| **17-10-2017**  | **Ruchi**  | **56**  | **95**  |
| **28-01-2018**  | **Shailaja**  | **63**  | **55**  |
| **19-03-2019**  | **Aarti**  | **100**  | **91**  |
| **18-08-2019**  | **Zeenat**  | **100**  | **76**  |
| **19-10-2017**  | **Aarti**  | **76**  | **79**  |

It is only half solved

Buy Complete from our online store

<https://nmimsassignment.com/online-buy-2/>

NMIMS Fully solved assignment available for**session JUNE 2023,**

your**last date is 29th May 2023**.

Lowest price guarantee with quality.

Charges**INR 299 only per assignment.**For more information you can get via mail or Whats app also

Mail id is aapkieducation@gmail.com

Our website [www.aapkieducation.com](http://www.aapkieducation.com/)

After mail, we will reply you instant or maximum

1 hour.

Otherwise you can also contact on our

whatsapp no 8791490301.

Contact no is +91 87-55555-879

**Answer 1**

**Introduction**

The following table provides information regarding students' academic performance in English and Mathematics, including names, dates, and grades. Throughout this activity, we will employ a variety of formatting strategies in order to analyze the data and obtain insights into the students' performance. These methods include highlighting dates that are after October 10, 2018; highlighting grades that are higher than the average in English; highlighting duplicate names; highlighting

**2) Use the data presented in the table below to answer the questions that follow:**

**a) Use a clustered column chart to display the data below. What is the importance of using visualizations to interpret data?**

**b) With the help of a pivot table, present the sum of sales of the three products in April, May and June. Explain any three kinds of charts and the best scenarios under which they are used.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Month**  | **Ink Pens**  | **Erasers**  | **Pencils**  |
| **Jan**  | **897**  | **983**  | **768**  |
| **Feb**  | **732**  | **547**  | **987**  |
| **Mar**  | **500**  | **330**  | **763**  |
| **Apr**  | **122**  | **832**  | **643**  |
| **May**  | **893**  | **739**  | **567**  |
| **Jun**  | **734**  | **453**  | **734**  |
| **Jul**  | **891**  | **874**  | **678**  |
| **Aug**  | **559**  | **833**  | **546**  |
| **Sep**  | **433**  | **244**  | **765**  |
| **Oct**  | **734**  | **873**  | **342**  |
| **Nov**  | **873**  | **459**  | **324**  |
| **Dec**  | **730**  | **433**  | **154**  |

**Answer 2a**

**Introduction**

Data interpretation and analysis can be performed much more effectively using powerful tools known as visualizations. They offer a graphical representation of the data that can be comprehended quickly and readily, making it possible to recognize insights and trends at a glance. In this instance, the sales data for Ink Pens, Erasers, and Pencils are presented in a clustered column chart considering the various months. The ability of visuals to portray complicated data in

**3) The data to be used for the pivot table is mentioned below. Present a screen-shot for each subquestion.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Date**  | **Colour**  | **Region**  | **Units**  | **Sales**  |
| **03-Jan-16**  | **Red**  | **North**  | **1**  | **300**  |
| **13-Jan-16**  | **Blue**  | **East**  | **8**  | **2400**  |
| **21-Jan-17**  | **Green**  | **West**  | **5**  | **400**  |
| **30-Jan-17**  | **Blue**  | **South**  | **7**  | **560**  |
| **07-Feb-16**  | **Green**  | **North**  | **8**  | **2400**  |
| **13-Feb-18**  | **Red**  | **East**  | **6**  | **760**  |
| **21-Feb-16**  | **Blue**  | **West**  | **7**  | **770**  |
| **01-Mar-19**  | **Green**  | **South**  | **2**  | **240**  |
| **13-Mar-16**  | **Blue**  | **North**  | **7**  | **770**  |
| **23-Mar-18**  | **Blue**  | **East**  | **6**  | **840**  |
| **28-Mar-17**  | **Green**  | **West**  | **4**  | **560**  |
| **03-Apr-19**  | **Blue**  | **South**  | **5**  | **670**  |

**a) Using a Pivot table, what is the sum of sales for each of the colours.**

**b) What is the sum of sales each year? How many units of each colour were sold?**

**Answer 3a**

**Introduction**

In order to analyze and compile the data for this work, which contains details about sales data concerning color, region, units, and sales, we will use a pivot table. We will pay close attention to the total sales