

STEP BY STEP PROJECT DEVELOPMENT PROCEDURE

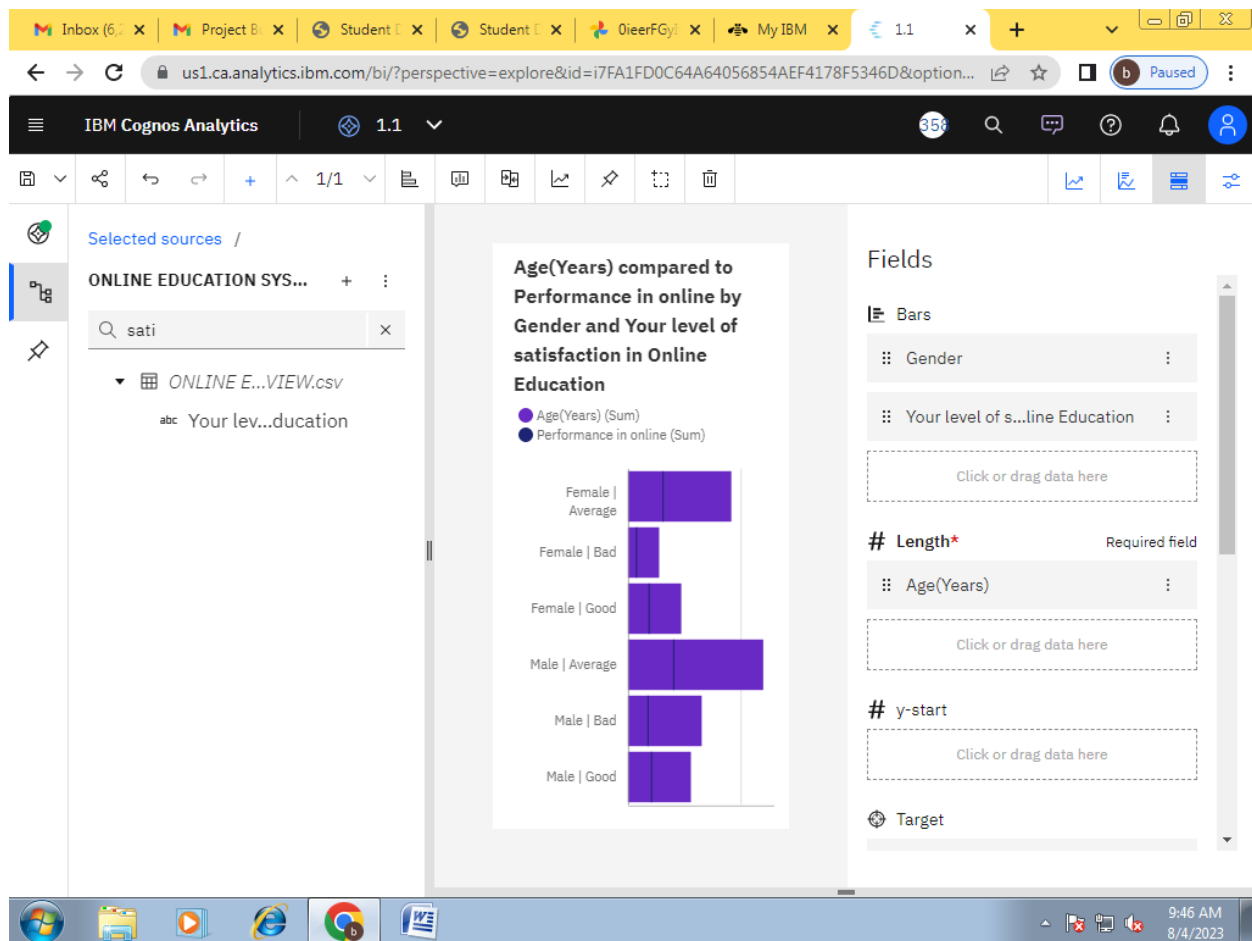
1. Login to IBM Cognos Analytics webpage through google search
2. Entered to my IBM page using user id and password.
3. Dataset in csv format uploaded into the tool page using the upload option.
4. Completed the preprocessing of data and uploaded into the data module and saved under my content section.
5. For data visualization added my dataset into the data exploration and using +create symbol created unique visualizations and saved.
- 6.

Outputs generated through the above process for the in-depth analysis of online education system.

OUTPUT

Across all values of **Gender - Your level of satisfaction in Online Education**, the sum of **Age(Years)** is over twenty thousand.

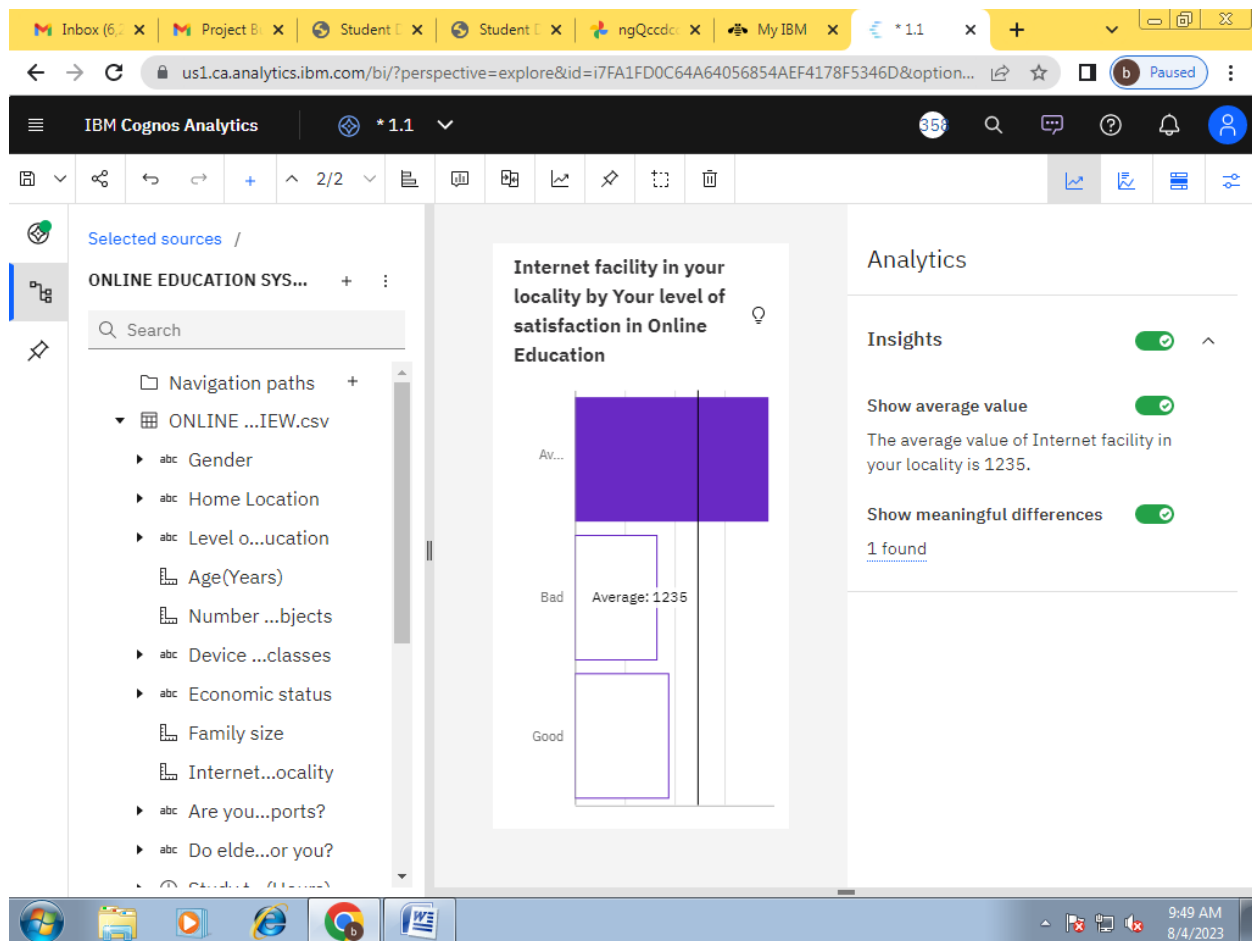
Age(Years) ranges from almost 1500, when **Gender - Your level of satisfaction in Online Education** is Female|Bad, to over six thousand, when **Gender - Your level of satisfaction in Online Education** is Male|Average.



Across all values of **Your level of satisfaction in Online Education**, the sum of **Internet facility in your locality** is over 3500.

Internet facility in your locality ranges from 823, when **Your level of satisfaction in Online Education** is Bad, to nearly two thousand, when **Your level of satisfaction in Online Education** is Average.

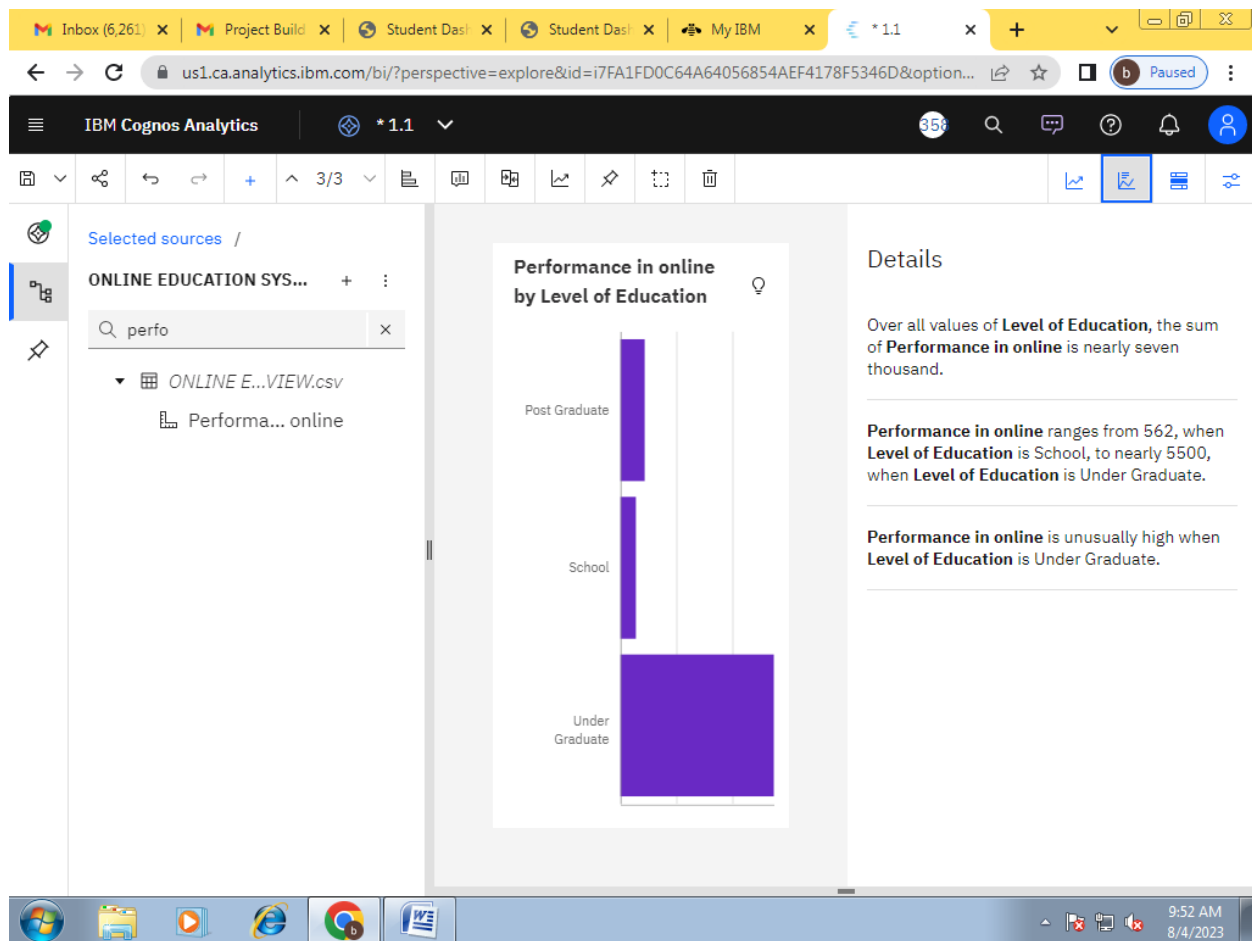
Internet facility in your locality is unusually high when **Your level of satisfaction in Online Education** is Average.



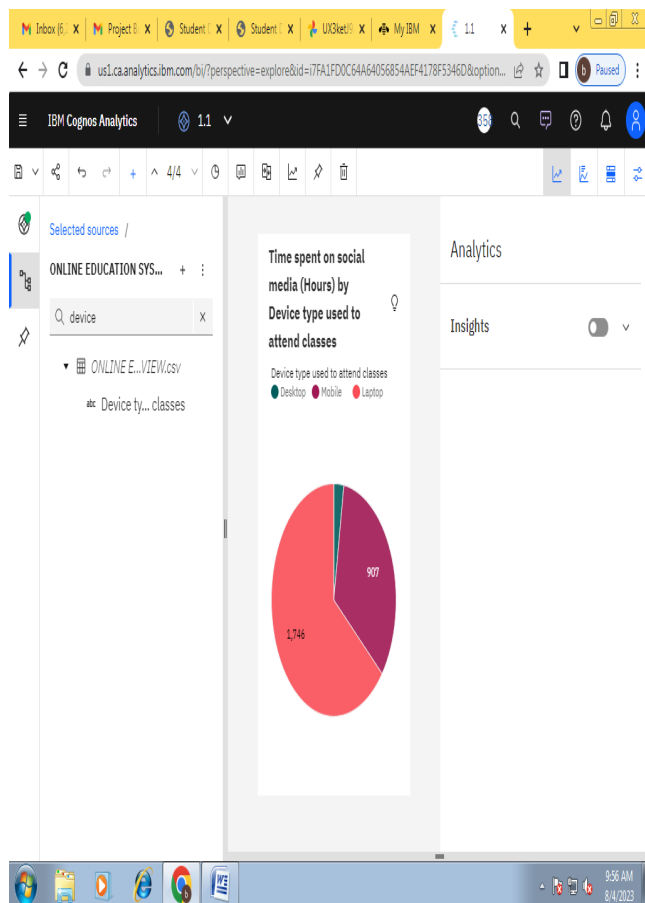
Over all values of **Level of Education**, the sum of **Performance in online** is nearly seven thousand.

Performance in online ranges from 562, when **Level of Education** is School, to nearly 5500, when **Level of Education** is Under Graduate.

Performance in online is unusually high when **Level of Education** is Under Graduate.



Across all **device type used to attend classes**, the sum of **Time spent on social media (Hours)** is over 2500. **Time spent on social media (Hours)** ranges from 71, when **Device type used to attend classes** is Desktop, to over 1500, when **Device type used to attend classes** is Laptop. **Time spent on social media (Hours)** is unusually high when **Device type used to attend classes** is Laptop.

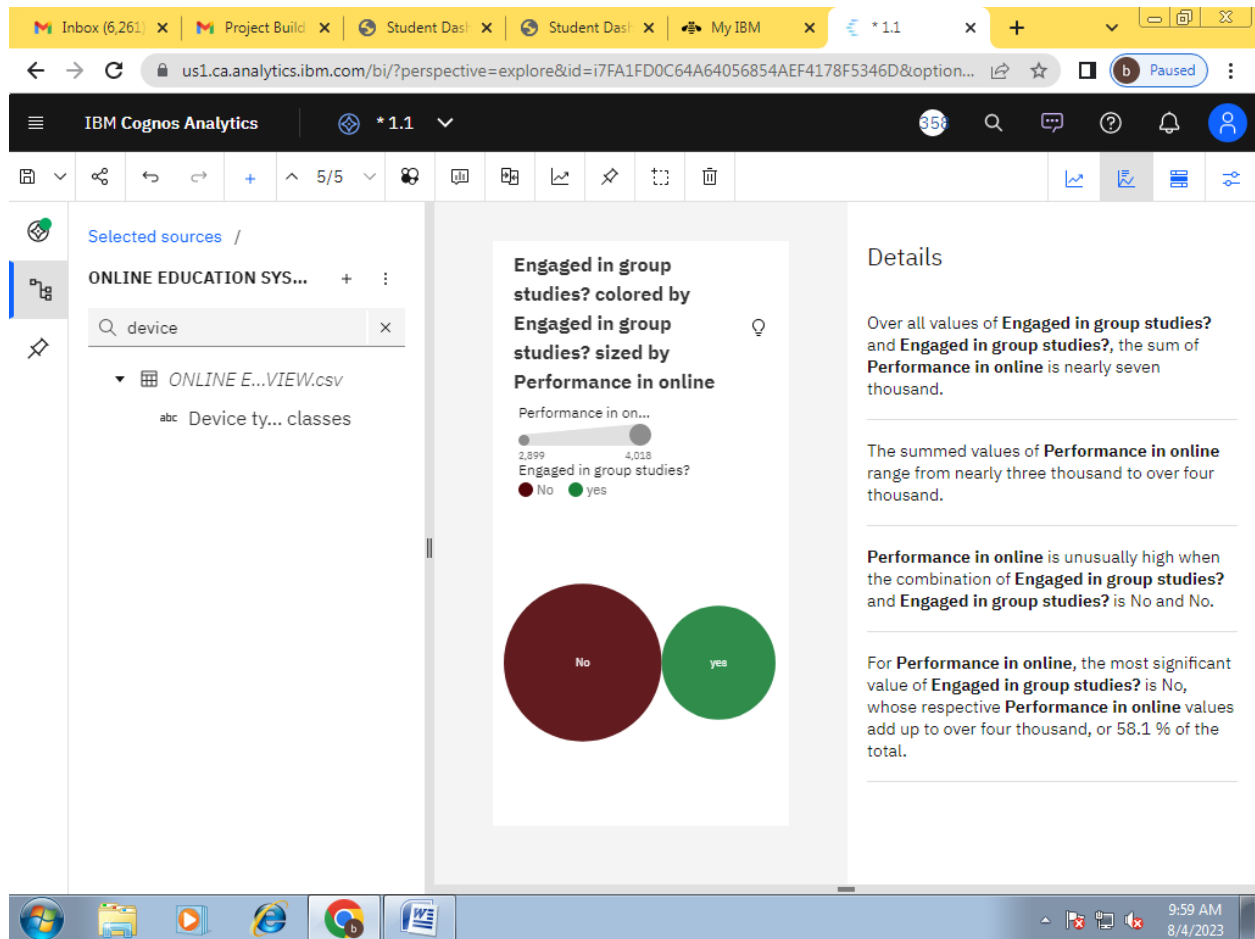


Over all values of **Engaged in group studies?** and **Engaged in group studies?**, the sum of **Performance in online** is nearly seven thousand.

The summed values of **Performance in online** range from nearly three thousand to over four thousand.

Performance in online is unusually high when the combination of **Engaged in group studies?** and **Engaged in group studies?** is No and No.

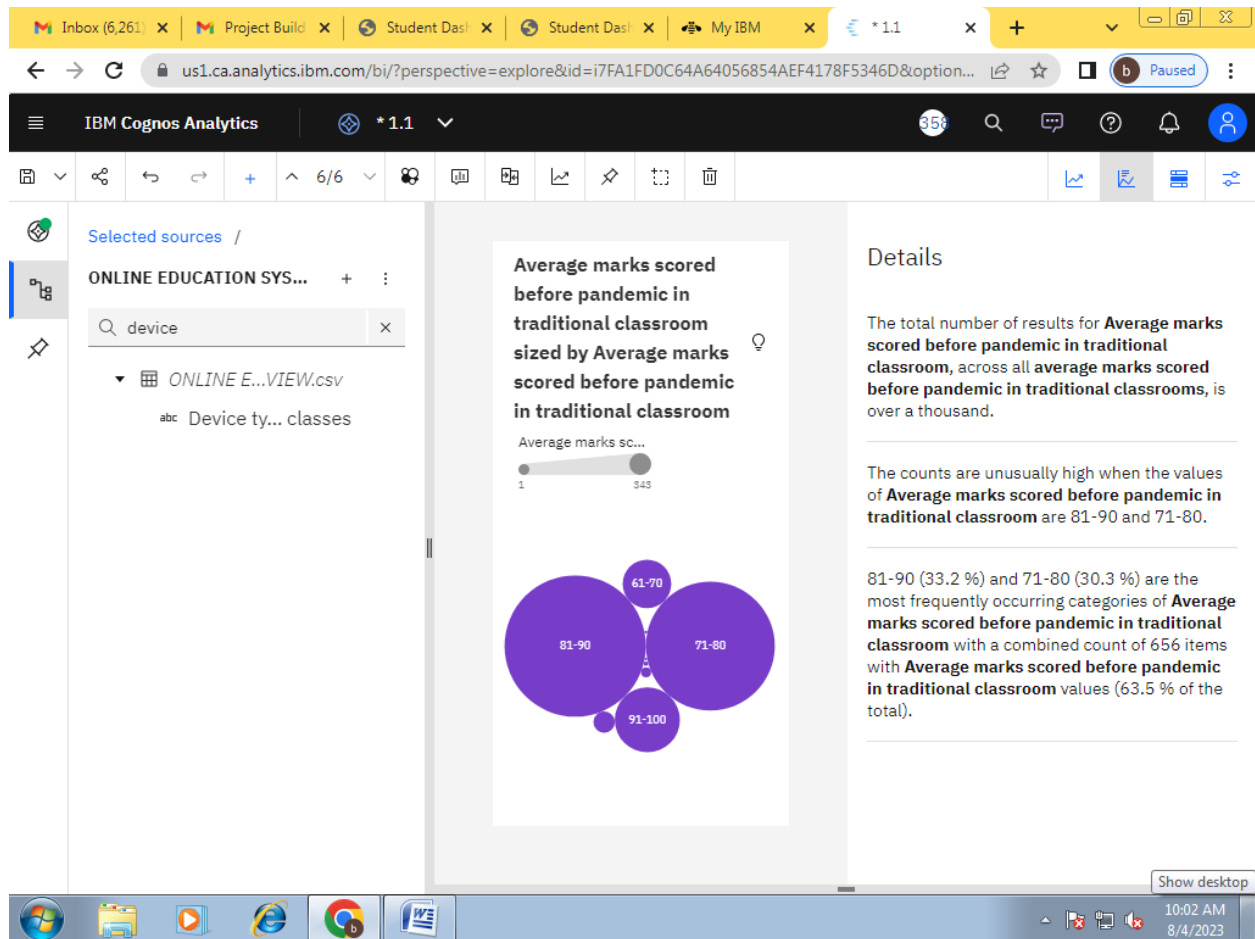
For **Performance in online**, the most significant value of **Engaged in group studies?** is No, whose respective **Performance in online** values add up to over four thousand, or 58.1 % of the total.

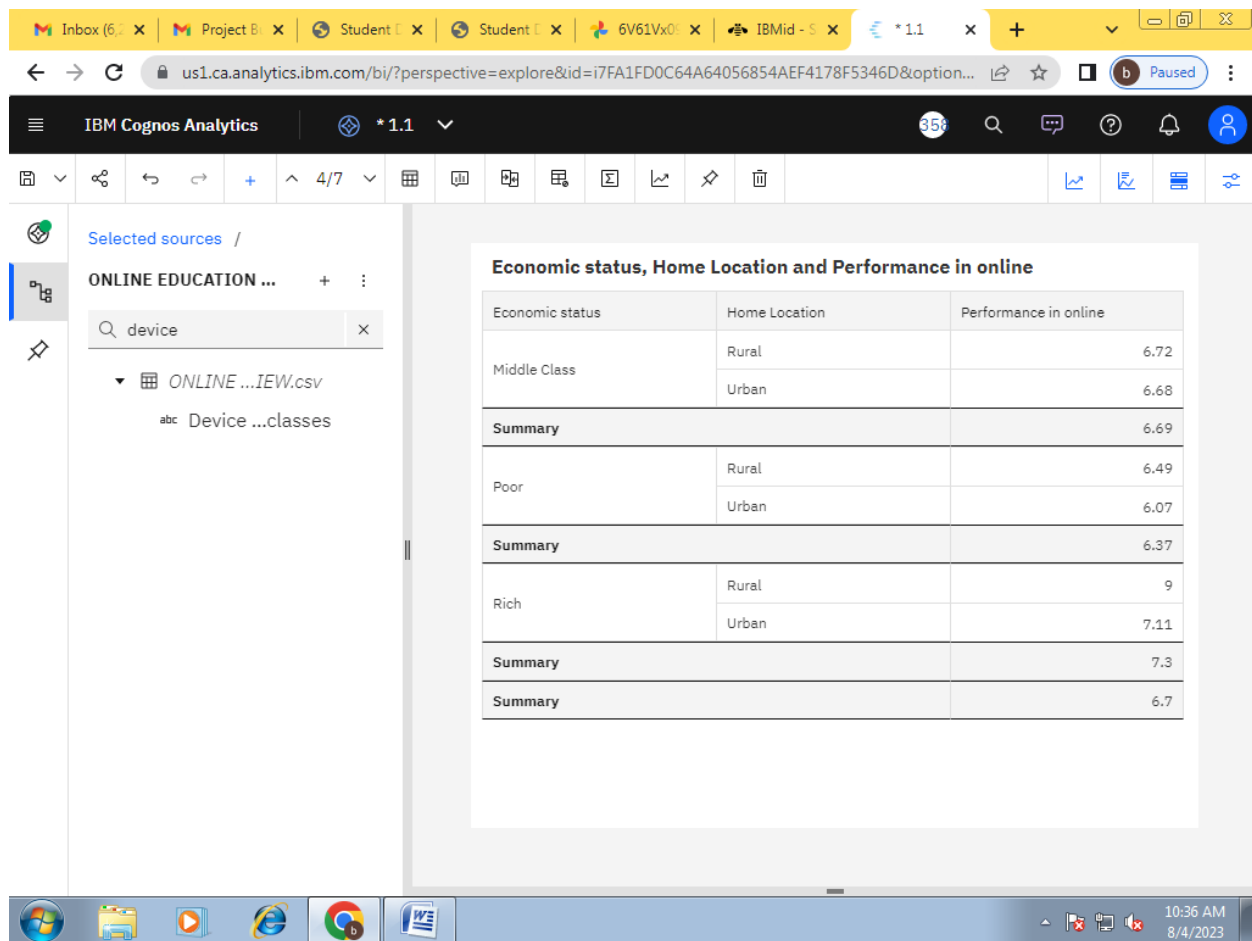


The total number of results for **Average marks scored before pandemic in traditional classroom**, across all **average marks scored before pandemic in traditional classrooms**, is over a thousand.

The counts are unusually high when the values of **Average marks scored before pandemic in traditional classroom** are 81-90 and 71-80.

81-90 (33.2 %) and 71-80 (30.3 %) are the most frequently occurring categories of **Average marks scored before pandemic in traditional classroom** with a combined count of 656 items with **Average marks scored before pandemic in traditional classroom** values (63.5 % of the total).





Over all values of **Age(Years)**, the sum of **Performance in online** is nearly seven thousand.

Performance in online ranges from 4, when **Age(Years)** is 32, to over 1500, when **Age(Years)** is 20.

Performance in online is unusually high when **Age(Years)** is 20, 19 and 18.

For **Performance in online**, the most significant values of **Age(Years)** are 20, 19, and 18, whose respective **Performance in online** values add up to over 4500, or 67.6 % of the total.

