Figure-1 Screen of Loading a Dataset from the Local Drive into the Cognos Data

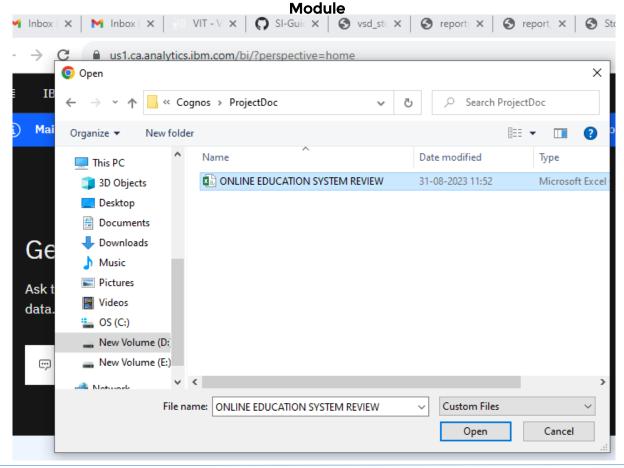
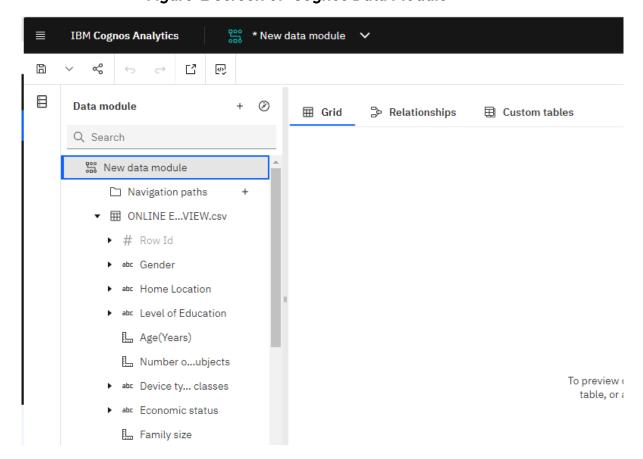
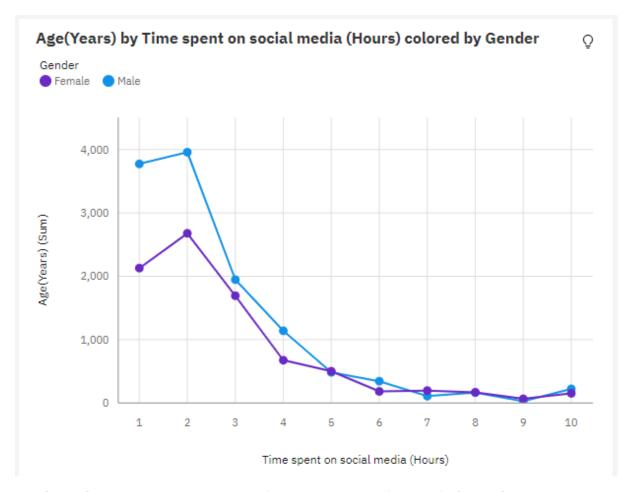


Figure-2 Screen of Cognos Data Module





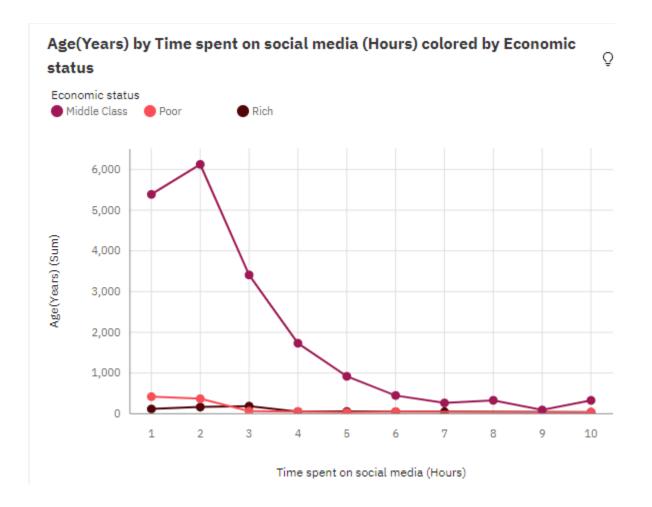
Age(Years) is unusually high when Time spent on social media (Hours) is 2 and 1. Across all values of Time spent on social media (Hours) and Gender, the sum of Age(Years) is over twenty thousand.

The summed values of **Age(Years)** range from 21 to nearly four thousand.

Age(Years) is unusually high when the combinations of Time spent on social media (Hours) and Gender are 2 and Male and 1 and Male.

For Age(Years), the most significant values of Time spent on social media (Hours) are 2, 1, and 3, whose respective Age(Years) values add up to over sixteen thousand, or 78.9 % of the total.

For **Age(Years)**, the most significant value of **Gender** is Male, whose respective **Age(Years)** values add up to over twelve thousand, or 59.1 % of the total.



Across all values of **Time spent on social media (Hours)** and **Economic status**, the sum of **Age(Years)** is over twenty thousand.

The summed values of **Age(Years)** range from 21 to over six thousand.

**Age(Years)** is unusually high when the combinations of **Time spent on social media** (**Hours**) and **Economic status** are 2 and Middle Class, 1 and Middle Class and 3 and Middle Class.

**Age(Years)** is unusually high when **Economic status** is Middle Class.

**Age(Years)** is unusually high when **Time spent on social media (Hours)** is 2 and 1.

For **Age(Years)**, the most significant values of **Time spent on social media (Hours)** are 2, 1, and 3, whose respective **Age(Years)** values add up to over sixteen thousand, or 78.9 % of the total.

For **Age(Years)**, the most significant value of **Economic status** is Middle Class, whose respective **Age(Years)** values add up to nearly nineteen thousand, or 92.5 % of the total.







Age(Years) is unusually high when Your level of satisfaction in Online Education is Average.

**Age(Years)** is unusually high when **Time spent on social media (Hours)** is 2 and 1.

Across all values of **Time spent on social media (Hours)** and **Your level of satisfaction in Online Education**, the sum of **Age(Years)** is over twenty thousand.

The summed values of **Age(Years)** range from 19 to over 3500.

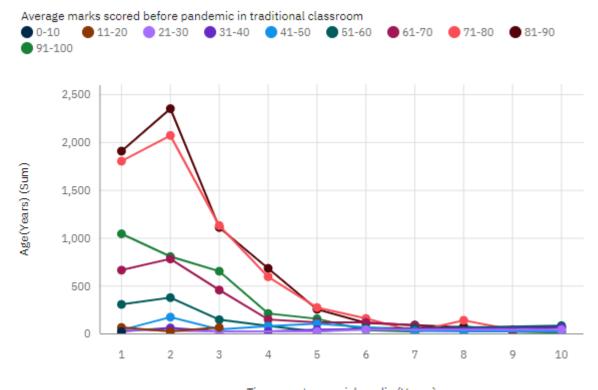
**Age(Years)** is unusually high when the combination of **Time spent on social media** (**Hours**) and **Your level of satisfaction in Online Education** is 2 and Average.

For **Age(Years)**, the most significant value of **Your level of satisfaction in Online Education** is Average, whose respective **Age(Years)** values add up to nearly eleven thousand, or 51.8 % of the total.

For **Age(Years)**, the most significant values of **Time spent on social media (Hours)** are 2, 1, and 3, whose respective **Age(Years)** values add up to over sixteen thousand, or 78.9 % of the total.

## Age(Years) by Time spent on social media (Hours) colored by Average marks scored before pandemic in traditional classroom





Time spent on social media (Hours)

Across all values of **Time spent on social media (Hours)** and **Average marks scored before pandemic in traditional classroom**, the sum of **Age(Years)** is over twenty thousand.

The summed values of **Age(Years)** range from 9 to almost 2500.

**Age(Years)** is unusually high when the combinations of **Time spent on social media** (**Hours**) and **Average marks scored before pandemic in traditional classroom** are 2 and 81-90, 2 and 71-80, 1 and 81-90 and 1 and 71-80.

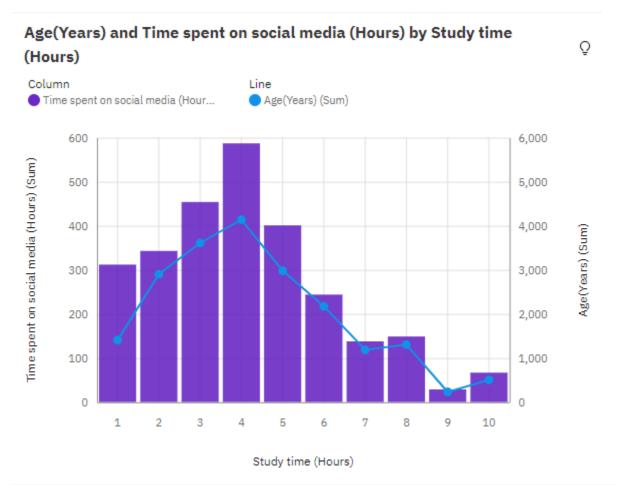
**Age(Years)** is unusually high when **Time spent on social media (Hours)** is 2 and 1.

**Age(Years)** is unusually high when **Average marks scored before pandemic in traditional classroom** is 81-90 and 71-80.

For **Age(Years)**, the most significant values of **Time spent on social media (Hours)** are 2, 1, and 3, whose respective **Age(Years)** values add up to over sixteen thousand, or 78.9 % of the total.

For **Age(Years**), the most significant values of **Average marks scored before pandemic in traditional classroom** are 81-90 and 71-80, whose respective **Age(Years)** values add up to nearly thirteen thousand, or 62.8 % of the total.

Figure 4 : Age(Years) and Time spent on social media (Hours) by Study time (Hours)



Across all values of **Study time (Hours)**, the sum of **Time spent on social media (Hours)** is over 2500.

**Time spent on social media** (**Hours**) ranges from 29, when **Study time** (**Hours**) is 9, to 587, when **Study time** (**Hours**) is 4.

Time spent on social media (Hours) is unusually high when Study time (Hours) is 4.

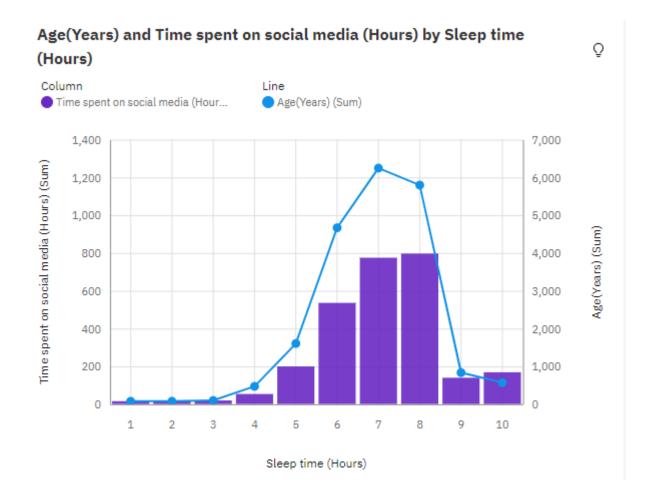
Across all values of **Study time** (**Hours**), the sum of **Age**(**Years**) is over twenty thousand.

**Age(Years)** ranges from 234, when **Study time (Hours)** is 9, to over four thousand, when **Study time (Hours)** is 4.

**Age(Years)** is most unusual when **Study time (Hours)** is 4, 9 and 3.

For **Age(Years)**, the most significant values of **Study time (Hours)** are 4 and 3, whose respective **Age(Years)** values add up to nearly eight thousand, or 37.9 % of the total.

Figure 5- Age(Years) and Time spent on social media (Hours) by Sleep time (Hours)



Across all values of **Sleep time (Hours)**, the sum of **Time spent on social media (Hours)** is over 2500. **Time spent on social media (Hours)** ranges from 16, when **Sleep time (Hours)** is 1, to 797, when **Sleep time (Hours)** is 8.

Time spent on social media (Hours) is unusually high when Sleep time (Hours) is 8 and 7.

For **Time spent on social media** (**Hours**), the most significant values of **Sleep time** (**Hours**) are 8, 7, and 6, whose respective **Time spent on social media** (**Hours**) values add up to over two thousand, or 77.4 % of the total.

Across all values of **Sleep time** (**Hours**), the sum of **Age**(**Years**) is over twenty thousand.

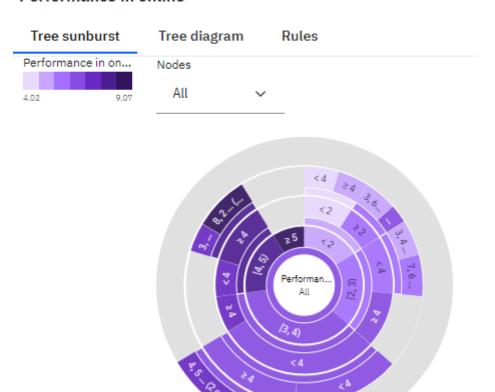
**Age(Years)** ranges from 78, when **Sleep time (Hours)** is 2, to over six thousand, when **Sleep time (Hours)** is 7.

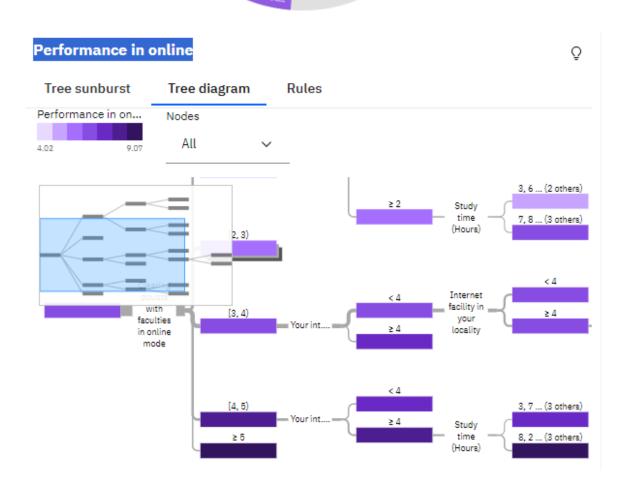
**Age(Years)** is unusually high when **Sleep time (Hours)** is 7 and 8.

For **Age(Years)**, the most significant values of **Sleep time (Hours)** are 7, 8, and 6, whose respective **Age(Years)** values add up to nearly seventeen thousand, or 81.7 % of the total.

Figure 6: Performance in online

## Performance in online



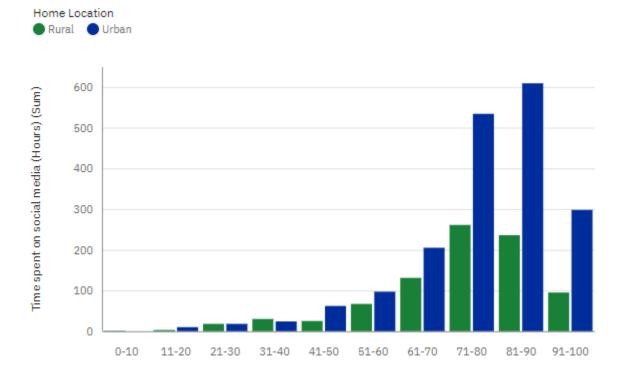


## Performance in online

Tree sunburst	Tree diagram Rules	
Predicted ↓ value	Rules	Records
9.07	Clearing doubts with faculties in online mode ≥ 5	91 (9%)
8.38	4 ≤ Clearing doubts with faculties in online mode < 5 Your interaction in online mode ≥ 4 Study time (Hours) = 8, 2, 4, 5, 9	78 (8%)
7.49	4 ≤ Clearing doubts with faculties in online mode < 5 Your interaction in online mode ≥ 4 Study time (Hours) = 3, 7, 6, 1, 10	41 (4%)
7.32	3 ≤ Clearing doubts with faculties in online mode < 4 Your interaction in online mode ≥ 4	68 (7%)

## Time spent on social media (Hours) by Average marks scored before pandemic in traditional classroom colored by Home Location





Average marks scored before pandemic in traditional classroom

Time spent on social media (Hours) is unusually high when Average marks scored before pandemic in traditional classroom is 81-90 and 71-80.

Across all average marks scored before pandemic in traditional classrooms and home locations, the sum of Time spent on social media (Hours) is over 2500.

The summed values of **Time spent on social media** (**Hours**) range from 1 to 609.

**Time spent on social media (Hours)** is unusually high when the combinations of **Average marks scored before pandemic in traditional classroom** and **Home Location** are 81-90 and Urban and 71-80 and Urban.

For **Time spent on social media (Hours)**, the most significant values of **Average marks scored before pandemic in traditional classroom** are 81-90 and 71-80, whose respective **Time spent on social media (Hours)** values add up to over 1500, or 60.2 % of the total.

For **Time spent on social media (Hours)**, the most significant value of **Home Location** is Urban, whose respective **Time spent on social media (Hours)** values add up to nearly two thousand, or 68.2 % of the total.