

Saudi Vision 2030

Education System Capstone Project



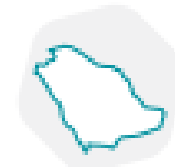
5.1M

Staff



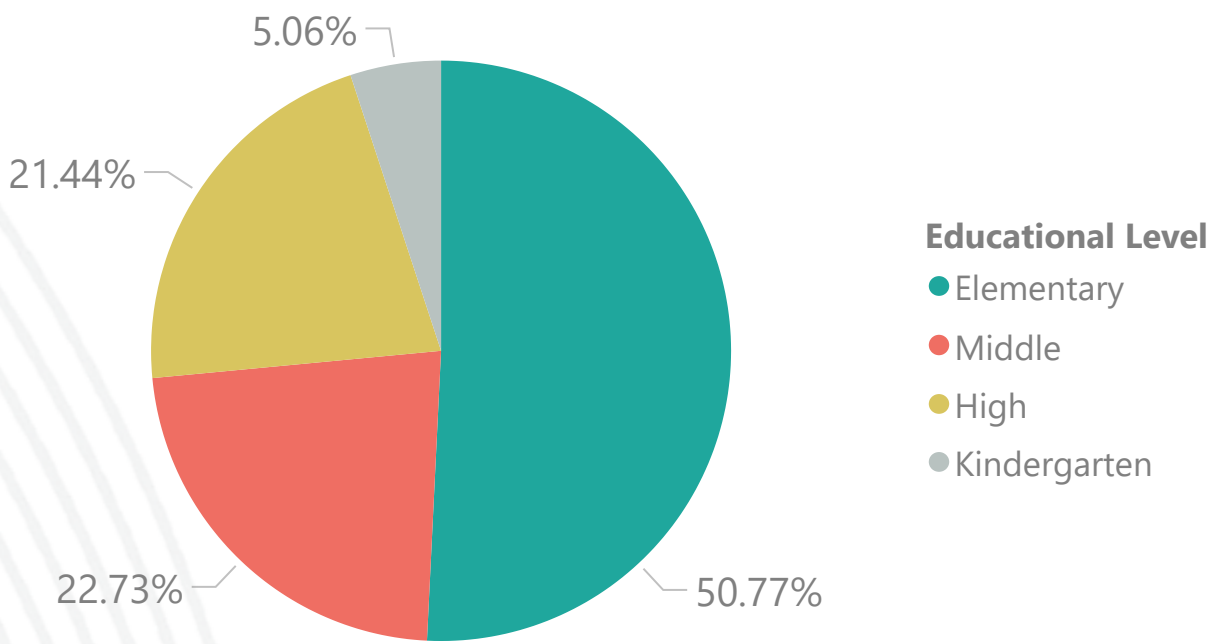
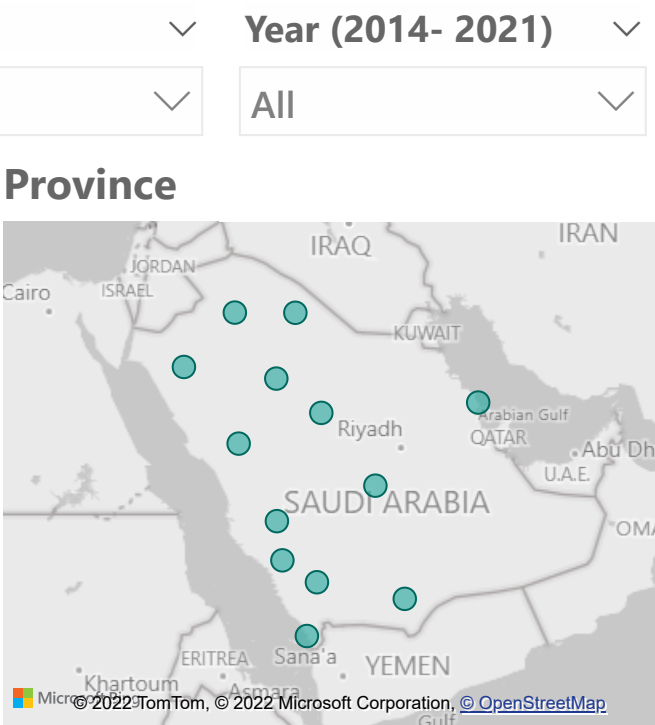
438

Office

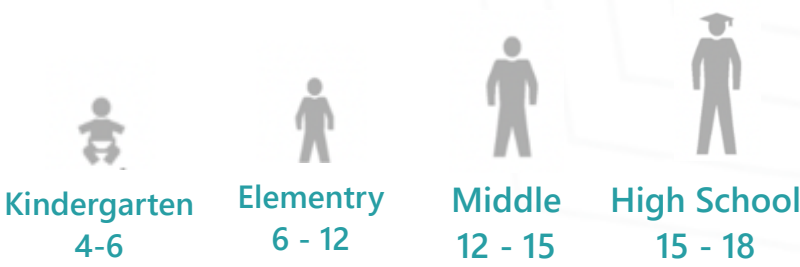


13

Province

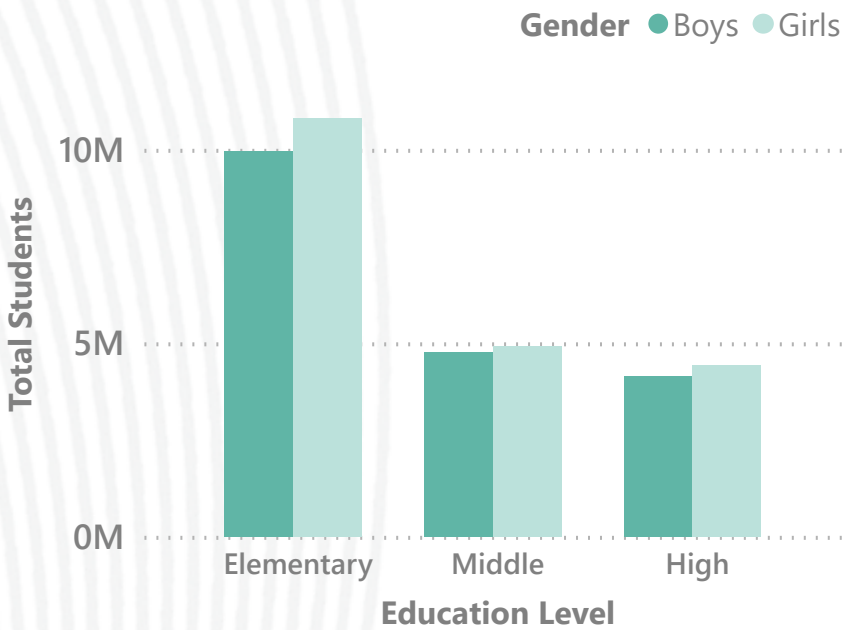


School Age Population by Education Level

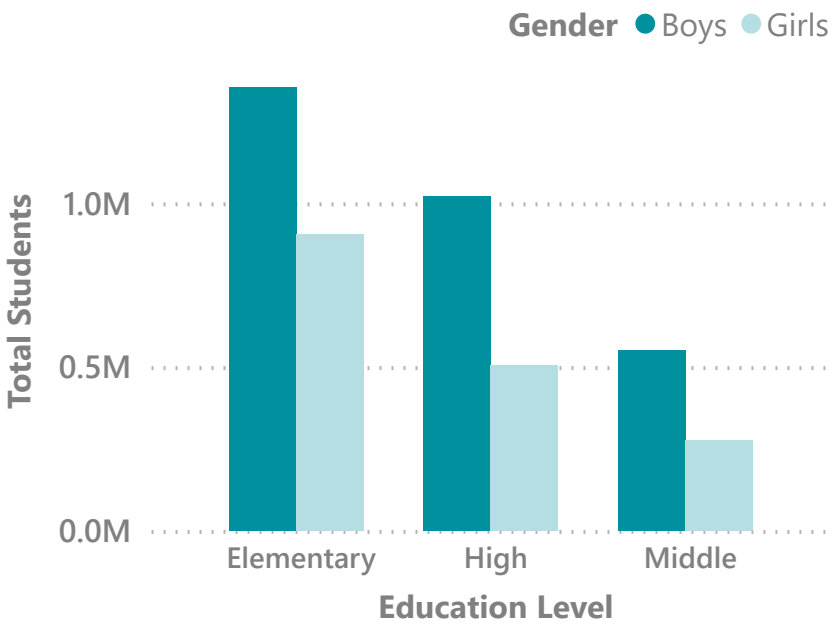


Educational_Level	Total_Students
Middle	11028698
Kindergarten	2453851
High	10406737
Elementary	24641266
Total	48530552

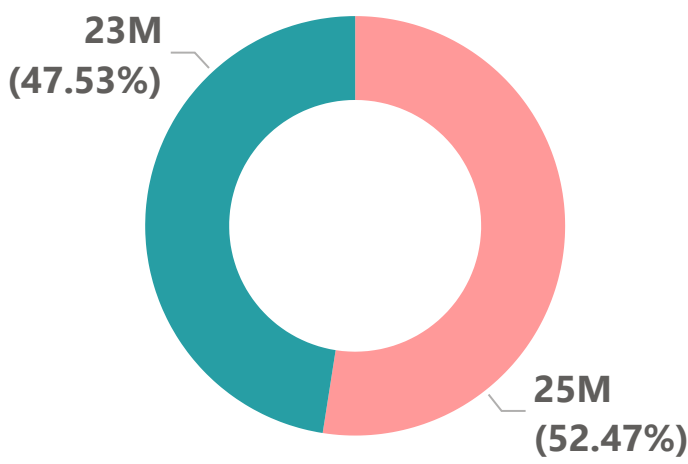
Total Students in Public Schools



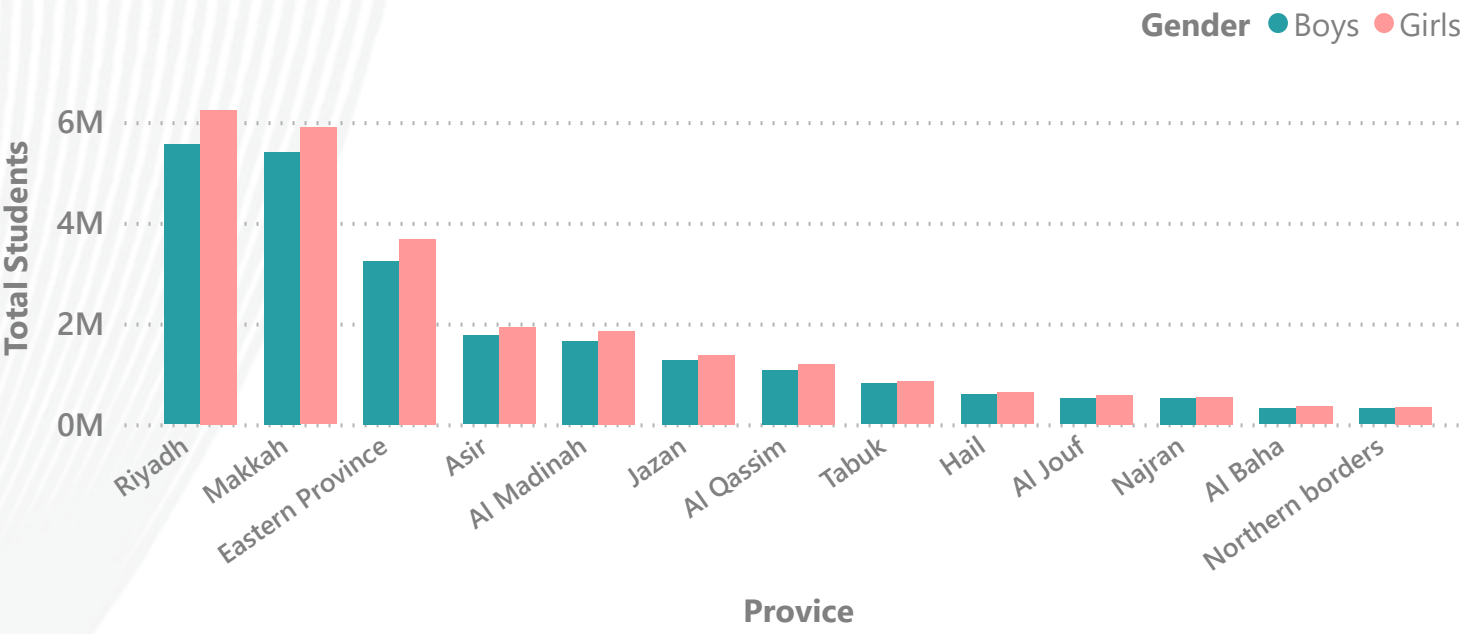
Total Students in Private Schools



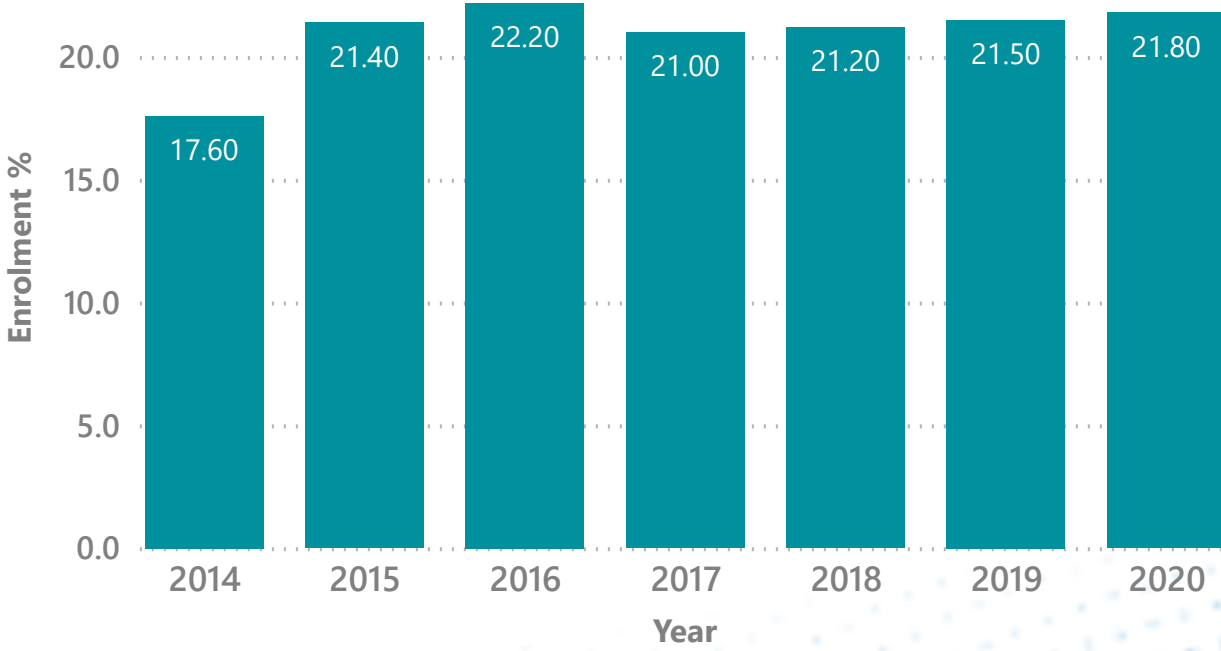
Female vs Male Students



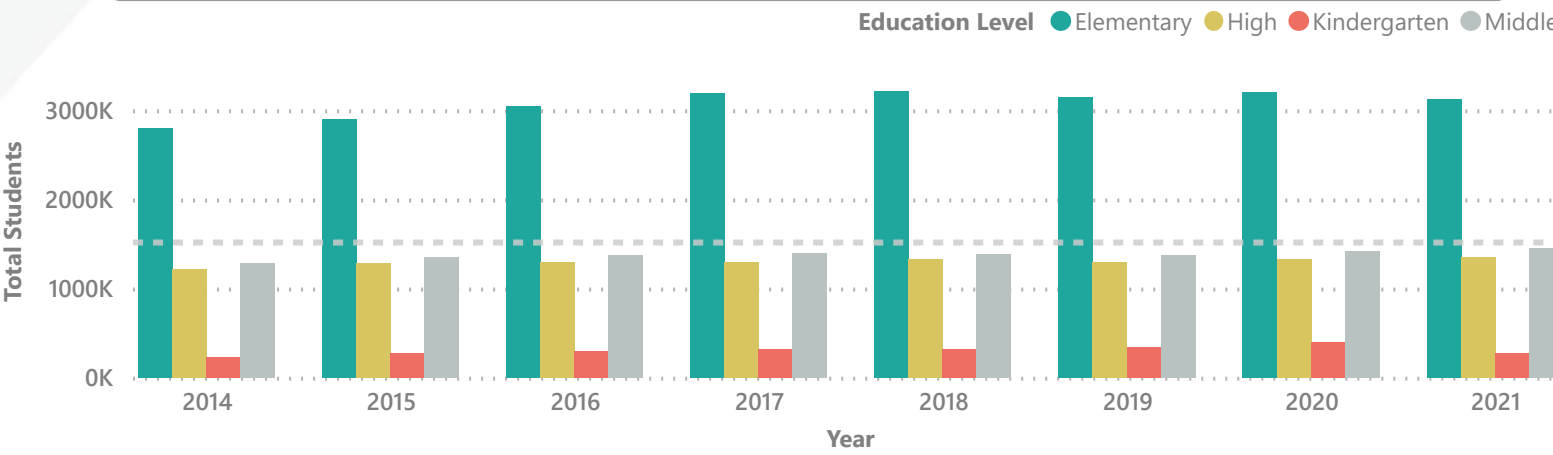
Total Students per Province



School Enrolment, Kindergarten (% Gross)



Students Enrolled in Schools, by Education Level

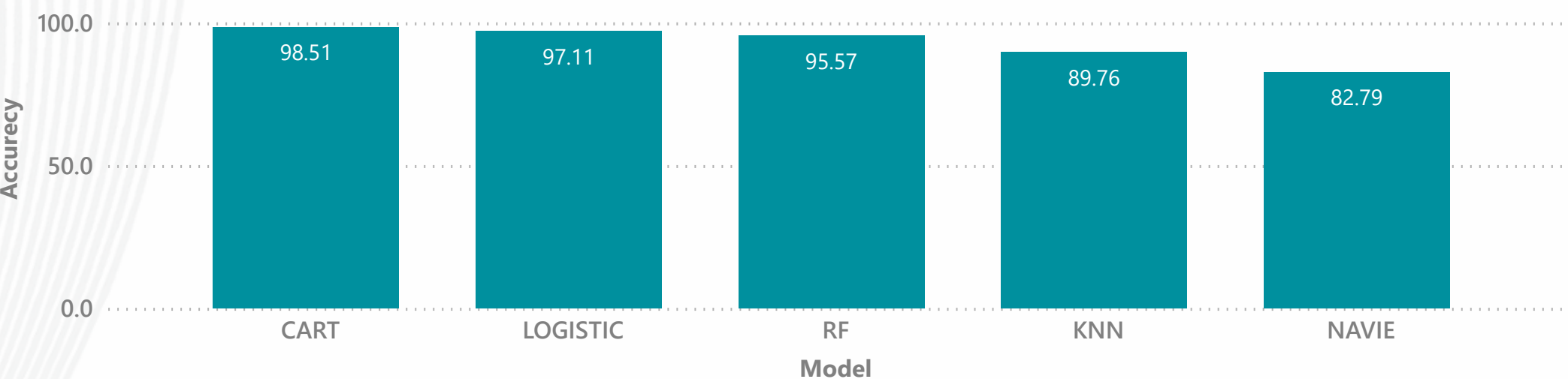


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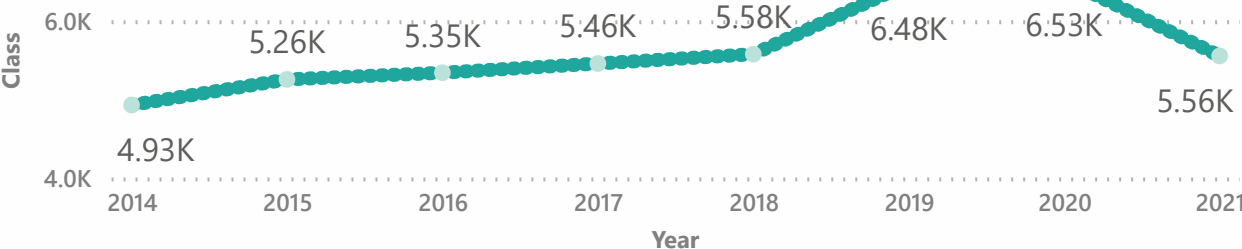
Education System

Average Students per Class Analysis

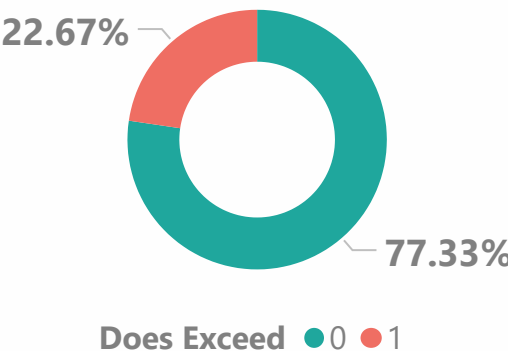
Compairing Diffirent Models : Logistic Regression



Classes Higher Than Targeted Number of Students (2014 - 2021)



% of Classes Exceed 22 Students



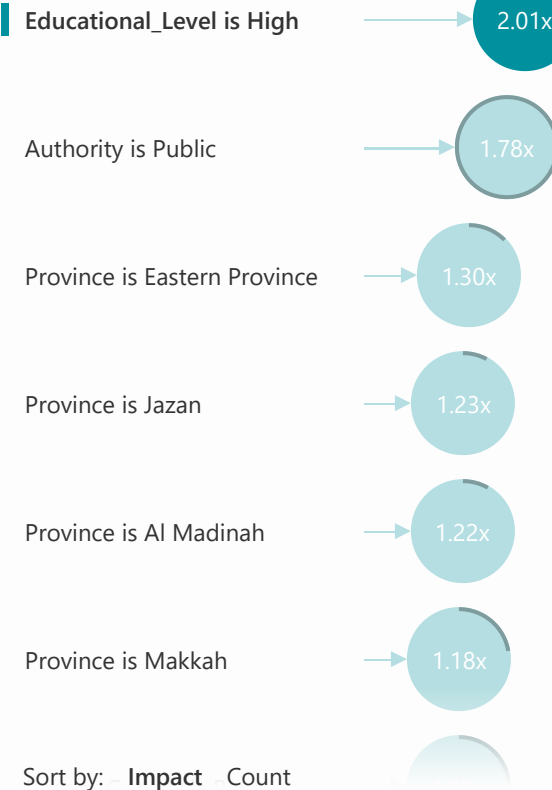
Province
All

Year (2014- 2021)
All

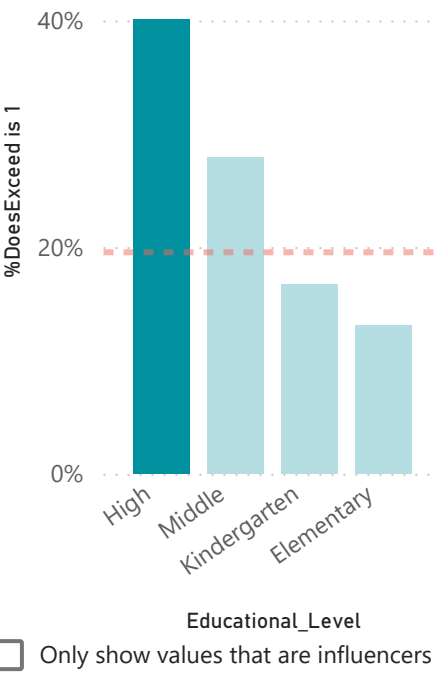
Key influencers Top segments

What influences DoesExceed to be 1 ?

When...
...the likelihood of DoesExceed being 1 increases by



← DoesExceed is more likely to be 1 when Educational_Level is High than otherwise (on average).



Province ×

Makkah

School_Gender ×

Boys

Educational_Level ×

High

Authority ×

Public

Private

International

501.00

88.00

9.00

High

Middle

Elementary

598.00

379.00

240.00

Boys

Girls

1,217.00

1,145.00

Makkah

Riyadh

Eastern Province

Jazan

Asir

Al Madinah

Al Qassim

Tabuk

2,362.00

2,277.00

1,525.00

991.00

976.00

945.00

738.00

DoesExceedInt

11,840.00