

IBM Watson Analytics

https://watson.analytics.ibmcloud.com/?sbsToken=NzAzM2RkYjhlYUzNGQzNzkyNDk5ZTcyYzI3MmExNDExY2E3YmNjNTVINGVIMGFhZDRkNjY0M2E1YzFjNl

StudentPredictions

Raymond Major

TARGETS
This workbook has 1 target
Edit

GOOD DATA QUALITY
There are 13 issues with your data, click below to learn more.
View

71

ANALYSIS DETAILS
9/9 inputs were potentially useful.
View

100

TOP FIELD ASSOCIATIONS
1 strong association was found between fields.
View

Num_Semem_To
A model with moderate predictive strength using 1 input was found.
View Export

Top Predictors of Num_Semem_To

What influences Num_Semem_To?

View All

AvgGPAChg_To drives **Num_Semem_To**. (Predictive Strength: 41%)

AvgDelta_AttPas... drives **Num_Semem_To**. (Predictive Strength: 26%)

AvgProGpa_To drives **Num_Semem_To**. (Predictive Strength: 24%)

More Predictive

- Combination
- Two Fields
- One Field

Easier to Understand

Num_Semem_To

Age AvgDelta_AttPas... AvgGPAChg_To AvgProGpa_To AvgQualPts_To Base_GPA Gender Race

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The interaction of **AvgDelta_AttPas...** and **AvgGPACHg_To** drives **Num_Semem_To** (Predictive Strength: 57%)

The interaction of **AvgGPACHg_To** and **Age** drives **Num_Semem_To** (Predictive Strength: 51%)

The interaction of **AvgGPACHg_To** and **AvgQualPts_To** drives **Num_Semem_To** (Predictive Strength: 51%)

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Num_Semem_To

Age AvgDelta_AttPas... AvgGPACHg_To AvgProGpa_To AvgQualPts_To Base_GPA Gender Race

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Data Quality Report

The data quality score measures the degree to which the data is suitable for predictive analysis. It is an average of the data quality score for every field in the data set, as determined by missing and constant values, influential categories, outliers, imbalance and skewness.

Note that data sets with low quality scores may be suitable for data exploration even if they are not suitable for predictive analysis.

Average Quality Score

A large green circle containing the number 71, representing the average quality score.

low quality high quality

Computations.csv has 9 fields & 292 records.

Data Quality by Field

A horizontal bar chart showing the quality score for each field. The x-axis represents the quality score from 0 to 100. The y-axis lists the fields. The bars are color-coded from red (low quality) to green (high quality). A search bar is located at the top right of the chart area.

Field	Quality Score (Approximate)
AvgQualPts_To	92
Gender	82
AvgProGpa_To	78
Base_GPA	75
AvgDelta_AttPas...	70
Num_Semem_To	68
Race	65
AvgGPACHg_To	60
Age	55

Results by Quality Measure

INTERESTING

- 7 fields (78%) have outliers.
- 6 fields (67%) have skewed distributions.