
Rating Variation for Providers

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Child Care Aware **Washington**

Suggested Improvements

Child

Care

Quality

Baseline

CLASS Score Entry

Provider Information

Region

King/Pierce County

Record Type

Combined

Type of Care

Family Child Care

Scores

Emotional and Behavioral Support Score	Classroom Organization Score	Instructional Support Score
<input type="text"/>	<input type="text"/>	<input type="text"/>
Engaged Support for Learning Score	Positive Climate Score	Negative Climate Score (Raw)
<input type="text"/>	<input type="text"/>	<input type="text"/>
Teacher Sensitivity Score	Regard for Child/Student Persp Score	Behavior Guidance/Management Score
<input type="text"/>	<input type="text"/>	<input type="text"/>
Productivity Score	Instructional Learning Formats Score	Concept Development Score
<input type="text"/>	<input type="text"/>	<input type="text"/>
Quality of Feedback Score	Language Modeling Score	Facilitation of Learning and Dev. Score
<input type="text"/>	<input type="text"/>	<input type="text"/>

Submit

Dashboard Output

[Dashboard](#) / CLASS data display

 CLASS Top 5 improvements

Classroom Organization variance: 3.887535000000004, Emotional and Behavioral Support variance: 3.5426624999999925, Engaged Support for Learning variance: 1.6915833333333392, Instructional Support variance: 1.3280658333333362



Data Information

- Provider information
- Scoring information
- Notes and feedback

Feature Engineering

- CLASS & ERS
- Assumptions
- 43 models
 - 400-1000 data points

Cross Validation Process

→ Model

- ◆ Random Forest

→ MSE

- ◆ 1 to 4

Results

Sample Output

Nature/science - Difference: 1.12

Blocks - Difference: 1.10

Music/movement - Difference: 1.09

Prom. acceptance of diversity - Difference: 0.87

Group Time - Difference: 0.87

Future Aspirations:

- Cleaner Data / More Data
- More Model Testing
- Improved Dashboard

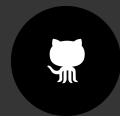
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