

# More than “School View”

Go Code Colorado Business Opportunities Challenge Project Summary – Rami Alloush

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Colorado Department of Education provides a website for comparing and contrasting Colorado's schools, viewing process and determining the best facility for the child under the name (School View). The website is a very good platform to make the decision about which school to choose for the child, but I believe much more value could be added to the process.

Being an international parent (and student), I know that choosing a school for my child is more than just the location and the process, there are many factors that I believe should be taken into consideration to make the choice a successful one.

I propose an AI-Powered platform that uses machine learning to match parents/children with schools while taking into consideration other big parameters like nationality, race, and ethnicity.

The platform will match the parents/children with schools by having the family answer some questions to form a “profile”. After that, the generated profile will be used to give a matching score for the schools most suitable for the family; given the income and geographical location and other factors mentioned.

There are number of available datasets that could be utilized as initial training data for the model, starting with the “Colorado Department of Education's School View” and integrating it with “Migrant Graduation Rate” dataset and “District Graduation Data by Instructional Program Service type for class of 2011-12”

In addition, datasets that show the performance of specific subject matters like “CSAP School And District Summary Results 2011 dataset” could be integrated to take into account the ultimate student’s goals and interests.

In summary, we can improve the process of comparing and contrasting schools to determine the best fit for the child and his family. This improvement can be achieved by utilizing the advancements in machine learning and the available datasets, which will make the process much easier and will guarantee better fit for the families and schools alike.