

## National exam results in Romania - behind the scenes

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The 8th grade national assessment and baccalaureate exam results are of paramount importance not only for students and teachers but also for educational institutions alike. These data greatly influence the future possibilities of students, whether it's about career opportunities or further education, and they also reflect the quality of education in schools. We implemented an automated system that aims to collect, clean, and visualize these exam results of Romanian students between 2015 and 2023 for the end users. Visualizing these results provides an opportunity for effective evaluation of education since parents and teachers can gain a comprehensive understanding of students' knowledge and progress based on the data. This can help improve the learning process and the development of teaching programs.

The main goal was not only to enable easy and fast access to the data, more accurate inference drawing, and better understanding of the result for everyone but also to compare these exam results by nationality, highlighting its weaknesses. Sapviz.ro is the only website that provides help with exams in hungarian and contains reports on the results of hungarian students.

Keywords: data extraction, data cleaning, data visualization, information extraction

## References

- [1] <http://evaluare.edu.ro>
- [2] <http://bacalaureat.edu.ro/>