

# Staż *The Data Mine* na Uniwersytecie Purdue (USA)

## dla studentów Wydziału Matematyki

**The Data Mine** is an interdisciplinary educational community at Purdue University (IN, USA), which combines academic life with learning and research in data analysis. The program offers the opportunity to gain practical data analysis skills through collaboration with industry partners and faculty members. Participants work on **real-world projects in cooperation with companies such as Cummins, Beck's Hybrids, Ford, and Microsoft**, gaining experience in solving practical business problems. **For details see:** <https://datamine.purdue.edu/>.

Selected students of the Faculty of Mathematics of the Wrocław University of Science and Technology now have a unique opportunity to participate in prestigious corporate projects carried out within The Data Mine.

Successful completion of the project may be recognized—upon submission of appropriate documents—as fulfillment of the mandatory student internship and the engineering/thematic project requirement. The participation in the program is free for the selected students.

We encourage applications from ambitious students with high academic performance and an interest in the applications of mathematics in data analysis.

**Schedule:** Participants meet twice a week (usually Mon-Wed or Tue-Thu) and carry out individual project work—amounting to a total of 10 to 13 hours per week along with data science seminars.

**Duration:** The project will be carried out remotely from August 25, 2025, to May 2, 2026.

**Topics:** Projects completed in previous years are described on the [website](#).

Summary of work: At the end of the academic year, an in-person symposium is held where students present the results of their work. Attendance in the symposium is optional (we do not cover the travel costs).

**Recruitment:** Due to the prestigious nature of the project and the limited number of spots available for our university, a maximum of 3 students from the 4th semester of the MAT, MAD, and MST programs from the Faculty of Mathematics may participate. **Applications are collected via the form**

<https://forms.gle/HXCymqa8hAVRrTyc8> (accessible after logging into a PWR account) until June 5, 2025.

**Requirements:** Very solid knowledge and skills in analysis, algebra, statistics, as well as proficiency in programming and a willingness to self-learn.

**Documents:** A CV and a motivation letter. The application must include the student's grade point average and possibly a confirmation of English skills. Qualified applicants will be notified by June 13, 2025.

**Further questions** direct to: [w13praktyki@pwr.edu.pl](mailto:w13praktyki@pwr.edu.pl)

